Project

Private Residence - Abersoch, UK

Turlock LED Inground **p342**

Lyra 80 **p241**

Amenity

211

Decorative Wall

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Architectual Die-Cast Wall

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Directional Wall

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Decorative Ceiling / Wall

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Polycarbonate Ceiling / Wall

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Bulkheads

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Recessed Wall

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Lanterns and Half Lanterns

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Bollards

335

Feature Landscape Illumination

340

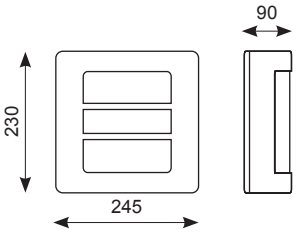
Inground Uplights and controllers

Designed to
Deliver...

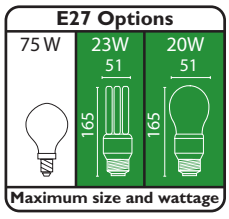
Acqua Inox Stainless Steel

Supplied Less Lamp

- *AISI 316L grade stainless steel wall light with opal polycarbonate diffuser*
- *Integral E27 PIR option*
- *Suitable for internal and external applications*



1 to 8 metres
5 seconds to 15 minutes
2 to 2000 LUX



	Code	Lamp	Description
	AACQE27WL/SS	E27	75W E27
	AACQE27WL/PIR/SS	E27	75W E27 PIR

Accessories	**ASSCK**	Stainless Steel Cleaning Kit (see page 428)

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750

Callisto AC LED Low Level

No Driver Required

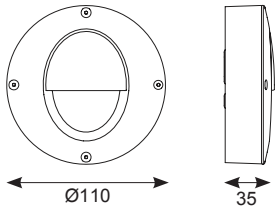
3YR

AC LED

ACLPWLED/W

ACLPWLED/GR

- *Modern surface mounted ultra-slim low level light*
- *Die-cast aluminium construction with choice of white or graphite paint finish*
- *Dupont paint finish*
- *Tamper-proof stainless steel allen key screws*
- *LED lifespan L70 50,000 hours*
- *Non-dimmable*



LED Information

Total (Watts)	*4W*
Lumens Delivered	*121lm*
Lm/W	*31lm*
Beam Angle	*51°*
CRI	*Ra 80*
CCT	*3000K*
Input	*230V*
Hertz	*50Hz*
Operating Temp	*-40°C to 80°C*

IP65

Code	Lamp	Description
ACLPWLED/W	LED	4W - Warm White - White
ACLPWLED/GR	LED	4W - Warm White - Graphite

Callisto AC LED Wall/Ceiling

No Driver Required

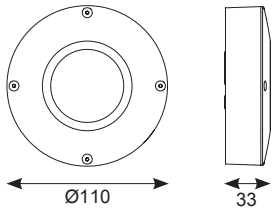
3YR

AC LED

- *Modern surface mounted ultra-slim wall/ceiling light*
- *Die-cast aluminium construction with choice of white or graphite paint finish*
- *Dupont paint finish*
- *Tamper-proof stainless steel allen key screws*
- *LED lifespan L70 50,000 hours*
- *Non-dimmable*

ACLLED/W

ACLLED/GR



LED Information

Total (Watts)	*4W*
Lumens Delivered	*181lm*
Lm/W	*45lm*
Beam Angle	*65°*
CRI	*Ra 80*
CCT	*3000K*
Input	*230V*
Hertz	*50Hz*
Operating Temp	*-40°C to 80°C*

IP65

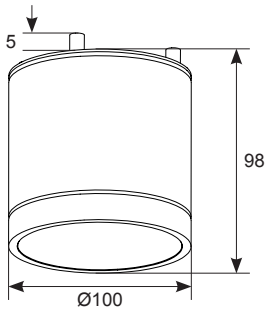
Code	Lamp	Description
ACLLED/W	LED	4W - Warm White - White
ACLLED/GR	LED	4W - Warm White - Graphite

Furia AC LED

No Driver Required

- *Shallow AC LED die-cast surface downlight*
- *Modern aesthetic appearance*
- *Exceeds performance of 1x26W PL*
- *37° beam angle*
- *LED lifespan L70 30,000 hours*
- *Triac dimmable as standard*

AFULED/W



AFULED/GR

LED Information

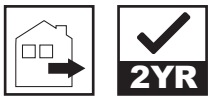
Total (Watts)	*9.7W*
Lumens Delivered	*719lm*
Lm/W	*74lm*
Beam Angle	*37°*
CRI	*Ra 80*
CCT	*3000K*
Input	*230V*
Hertz	*50/60Hz*
Operating Temp	*-10°C to 40°C*

IP55

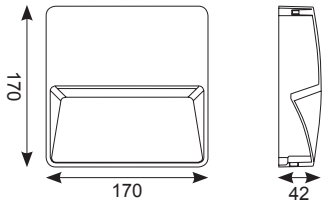
Code	Lamp	Description
AFULED/W	LED	9.7W - Warm White - White
AFULED/GR	LED	9.7W - Warm White - Graphite

Galia LED

Supplied c/w Integral Driver



- *Surface mounting ultra-slim low level square pathway light with downward light-spill*
- *Die-cast aluminium construction with graphite paint finish*
- *Comparable performance to 26W PLC*
- *Screwless front cover with concealed allen key access*
- *Pre-wired with 1 metre of rubber insulated cable for ease of installation*
- *LED lifespan L70 50,000 hours*
- *Non-dimmable*



Code	Lamp	Description
AGALSQLED	LED	10W - Cool White

LED Information

Total (Watts)	*10W*
Lumens Delivered	*300lm*
Lm/W	*30lm*
CRI	*Ra 80*
CCT	*4000K*
Input	*230V*
Hertz	*50/60Hz*
Operating Temp	*-20°C to 50°C*

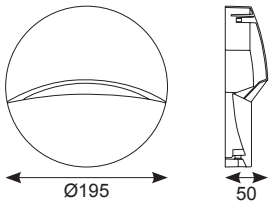
IP65

Matala LED

Supplied c/w Integral Driver

2YR

- *Surface mounting ultra-slim low level circular pathway light with downward light-spill*
- *Die-cast aluminium construction with graphite paint finish*
- *Comparable performance to 26W PLC*
- *Screwless front cover with concealed allen key access*
- *Pre-wired with 1 metre of rubber insulated cable for ease of installation*
- *LED lifespan L70 50,000 hours*
- *Non-dimmable*



LED Information

Total (Watts)	*10W*
Lumens Delivered	*360lm*
Lm/W	*36lm*
CRI	*Ra 80*
CCT	*4000K*
Input	*230V*
Hertz	*50/60Hz*
Operating Temp	*-20°C to 50°C*

IP65

Code	Lamp	Description
AMATROLED	LED	10W - Cool White

Warrington: *+44 (0) 1942 433333*
Belfast: *+44 (0) 2890 773750*

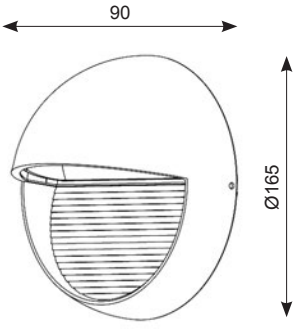
Kappa LED

Supplied c/w Integral Driver

- *Compact wall light with integral driver*
- *Downward light spill ideal for pathway illumination*
- *Die-cast aluminium construction*
- *LED lifespan L70 40,000 hours*
- *Non-dimmable*

AKLED/B

AKLED/SG



LED Information

Total (Watts)	4.5W
Lumens Delivered	270lm
Lm/W	60lm
CRI	Ra 70
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	0°C to 25°C

IP65

Code	Lamp	Description
AKLED/B	LED	4.5W Cool White - Black
AKLED/SG	LED	4.5W Cool White - Silver Grey

Vela LED

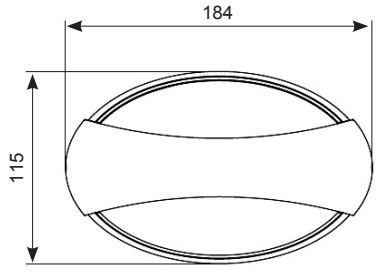
Supplied c/w Integral Driver

2YR

- *Compact wall light with integral driver*
- *Die-cast aluminium construction with opaque polycarbonate diffuser*
- *LED lifespan L70 40,000 hours*
- *Non-dimmable*

AVLED/B

AVLED/SG



Code	Lamp	Description
AVLED/B	LED	5W Cool White - Black
AVLED/SG	LED	5W Cool White - Silver Grey

LED Information

Total (Watts)	*5W*
Lumens Delivered	*96lm*
Lm/W	*19lm*
CRI	*Ra 70*
CCT	*4000K*
Input	*230V*
Hertz	*50/60Hz*
Operating Temp	*-20°C to 50°C*

CE IP54

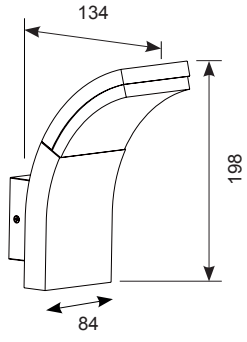
Senza LED

Supplied c/w Integral Driver

3YR

- *Contemporary die-cast aluminium LED wall light*
- *Standard and PIR options*
- *Graphite textured powder coat paint finish*
- *LED lifespan L70 40,000 hours*
- *Non-dimmable*

Matching Senza LED Bollard *see p319*



6 to 9 metres
5 seconds to 8 minutes
10 to 2000 LUX

LED Information

Total (Watts)	*7W*
Lumens Delivered	*366lm*
Lm/W	*52lm*
CRI	*Ra 80*
CCT	*4000K*
Input	*230V*
Hertz	*50/60Hz*
Operating Temp	*-20°C to 45°C*

CE IP54

ASELED/WL

ASELED/WL/PIR

	Code	Lamp	Description
Standard	**ASELED/WL**	LED	7W Cool White
PIR	**ASELED/WL/PIR**	LED	7W - PIR - Cool White

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750

Arco LED

Supplied c/w Integral Driver

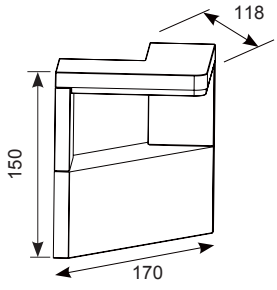
3YR

- *Ultra modern LED wall light*
- *Standard and PIR options*
- *Graphite textured powder coat paint finish*
- *LED lifespan L70 40,000 hours*
- *Non-dimmable*

AARLED/WL

AARLED/WL/PIR

Matching Arco LED Bollard *see p320*



6 to 10 metres
8 seconds to 8 minutes
5 to 200 LUX

	Code	Lamp	Description
Standard	**AARLED/WL**	LED	11W Cool White
PIR	**AARLED/WL/PIR**	LED	11W - PIR - Cool White

LED Information

Total (Watts)	*11W*
Lumens Delivered	*643lm*
Lm/W	*58lm*
CRI	*Ra 80*
CCT	*4000K*
Input	*230V*
Hertz	*50/60Hz*
Operating Temp	*-20°C to 45°C*

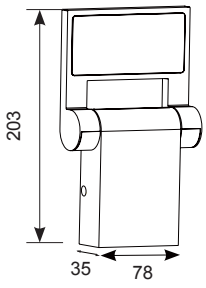
CE IP54

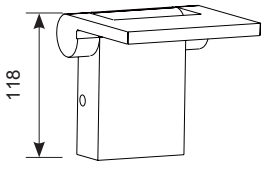
Tempo LED

Supplied c/w Integral Driver

3YR

- *Contemporary die-cast aluminium LED wall light*
- *Adjustable head to 90° for variable direction of light*
- *Standard and PIR options*
- *Graphite textured powder coat paint finish*
- *LED lifespan L70 40,000 hours*
- *Non-dimmable*

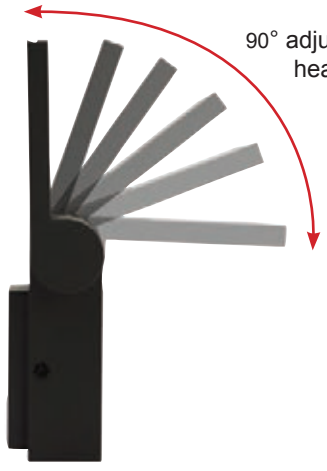




6 to 10 metres
8 seconds to 8 minutes
5 to 200 LUX

ATLED/WL

ATLED/WL/PIR



LED Information

Total (Watts)	*10W*
Lumens Delivered	*738lm*
Lm/W	*73lm*
CRI	*Ra 80*
CCT	*4000K*
Input	*230V*
Hertz	*50/60Hz*
Operating Temp	*-20°C to 45°C*

CE IP54

	Code	Lamp	Description
Standard	**ATLED/WL**	LED	10W Cool White
PIR	**ATLED/WL/PIR**	LED	10W - PIR - Cool White

Visage LED

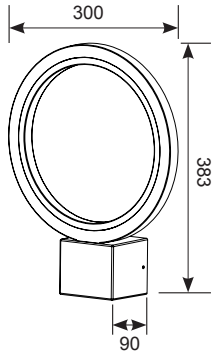
Supplied c/w Integral Driver

3YR

- *Ultra modern die-cast aluminium LED wall light*
- *Standard and PIR options*
- *Graphite textured powder coat paint finish*
- *LED lifespan L70 36,000 hours*
- *Non-dimmable*

AVISLED/WL

AVISLED/WL/PIR



6 to 10 metres
8 seconds to 8 minutes
5 to 200 LUX

	Code	Lamp	Description
Standard	**AVISLED/WL**	LED	10W Cool White
PIR	**AVISLED/WL/PIR**	LED	10W - PIR - Cool White

LED Information

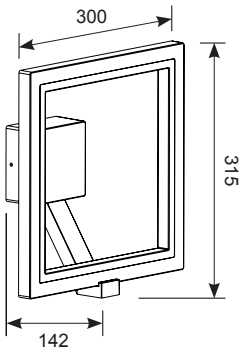
Total (Watts)	*10W*
Lumens Delivered	*628lm*
Lm/W	*63lm*
CRI	*Ra 80*
CCT	*4000K*
Input	*230V*
Hertz	*50/60Hz*
Operating Temp	*-25°C to 55°C*

IP65 IP54
PIR

Trim LED

Supplied c/w Integral Driver

- *Contemporary die-cast aluminium LED wall light*
- *Standard and PIR options*
- *Graphite textured powder coat paint finish*
- *LED lifespan L70 36,000 hours*
- *Non-dimmable*



6 to 10 metres
8 seconds to 8 minutes
5 to 200 LUX

ATRLED/WL

ATRLED/WL/PIR

LED Information

Total (Watts)	*10W*
Lumens Delivered	*600lm*
Lm/W	*60lm*
CRI	*Ra 80*
CCT	*4000K*
Input	*230V*
Hertz	*50/60Hz*
Operating Temp	*-25°C to 55°C*

IP65 IP54
PIR

	Code	Lamp	Description
Standard	**ATRLED/WL**	LED	10W Cool White
PIR	**ATRLED/WL/PIR**	LED	10W - PIR - Cool White

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750

Dolce LED

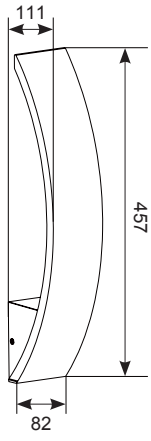
Supplied c/w Integral Driver

3YR

- *Ultra modern LED wall light*
- *Standard and PIR options*
- *Graphite textured powder coat paint finish*
- *LED lifespan L70 40,000 hours*
- *Non-dimmable*

ADOCLED/WL

ADOCLED/WL/PIR



6 to 10 metres
8 seconds to 8 minutes
5 to 200 LUX

	Code	Lamp	Description
Standard	**ADOCLED/WL**	LED	9W Cool White
PIR	**ADOCLED/WL/PIR**	LED	9W - PIR - Cool White

LED Information

Total (Watts)	*9W*
Lumens Delivered	*690lm*
Lm/W	*76lm*
CRI	*Ra 80*
CCT	*4000K*
Input	*100/240V*
Hertz	*50/60Hz*
Operating Temp	*-20°C to 45°C*

IP65 IP54
PIR

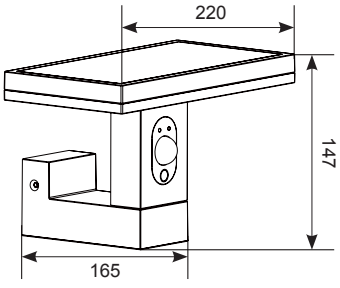
Pavia Solar LED

Supplied c/w Integral Driver

3YR

- *Ultra modern die-cast solar powered aluminium LED wall light*
- *PIR motion sensor as standard*
- *Automatic day/night mode switching*
- *2 operation modes:-*
  1) 15% output after sunset, motion detected 100% output, no motion 15% for 20 hours
  2) Motion detected 100% output, no motion off
- *Graphite textured powder coat paint finish*
- *LED lifespan*
  L70 36,000 hours

Matching
Pavia Solar Bollard
see p315



6 to 10 metres
1 minute
10 to 45 LUX

LED Information

Lumens Delivered	*230lm*
CRI	*Ra 80*
CCT	*4000K*
Operating Temp	*-25°C to 55°C*

CE III IP54

	Code	Lamp	Description
	APAVLED/WL	LED	Cool White
Accessories	**ASBP/17**		7.4V 1500mAh Replacement Li-ION Battery

Project - Private Residence
Newton-le-Willows, UK

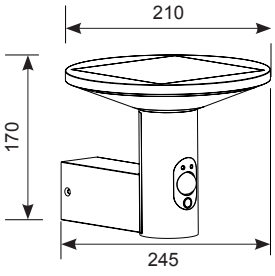
Talana Solar LED

Supplied c/w Integral Driver

3YR

- *Ultra modern die-cast solar powered aluminium LED wall light*
- *PIR motion sensor as standard*
- *2 operation modes:-*
  1) 11% output after sunset, motion detected 100% output, no motion 11% for 20 hours
  2) Motion detected 100% output, no motion off
- *Graphite textured powder coat paint finish*
- *LED lifespan*
  L70 36,000 hours

Matching Talana Solar LED Bollard
see p316



6 to 10 metres
1 minute
10 to 45 LUX

LED Information

Lumens Delivered	*210lm*
CRI	*Ra 80*
CCT	*4000K*
Operating Temp	*-25°C to 55°C*

IP54

	Code	Lamp	Description
	ATASLED/WL	LED	Cool White
Accessories	**ASBP/17**		7.4V 1500mAh Replacement Li-ION Battery

Uno LED

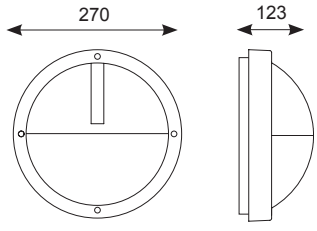
Supplied c/w Integral Driver

5YR

AUNLED/SG

AUNLED

- *Die-cast aluminium construction with tamper-proof stainless steel allen key screws and opal polycarbonate diffuser*
- *IK10 rated*
- *LED lifespan L70 50,000 hours*
- *Non-dimmable*



Code	Lamp	Description
AUNLED	LED	12W - Cool White - Black
AUNLED/SG	LED	12W - Cool White - Silver Grey

LED Information

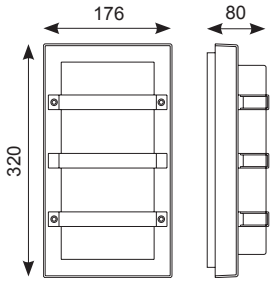
Total (Watts)	*12W*
Lumens Delivered	*442lm*
Lm/W	*37lm*
CRI	*Ra 80*
CCT	*4000K*
Input	*230V*
Hertz	*50/60Hz*
Operating Temp	*-20°C to 50°C*

IP65

Quad LED

Supplied c/w Integral Driver

- *Die-cast aluminium construction with opal polycarbonate diffuser*
- *IK10 rated*
- *Exceeds performance of 18W PLC*
- *Tamper-proof stainless steel allen key screws*
- *LED lifespan L70 40,000 hours*
- *Non-dimmable*



AQULED/SG

AQULED

LED Information

Total (Watts)	*13W*
Lumens Delivered	*850lm*
Lm/W	*65lm*
CRI	*Ra 80*
CCT	*4000K*
Input	*230V*
Hertz	*50/60Hz*
Operating Temp	*-10°C to 50°C*

MWS IP65

	Code	Lamp	Description
	AQULED	LED	13W - Cool White - Black
	AQULED/SG	LED	13W - Cool White - Silver Grey

Options	**/MWS**	Integral Microwave Sensor

Warrington: *+44 (0) 1942 433333*
Belfast: *+44 (0) 2890 773750*

Tardo LED

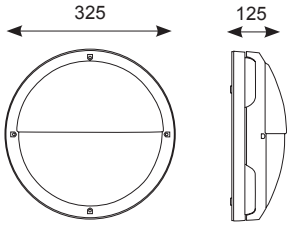
Supplied c/w Integral Driver

- *Halo light spill effect*
- *Die-cast aluminium construction with tamper-proof stainless steel allen key screws retain opal polycarbonate diffuser and frame*
- *IK10 rated*
- *Performance comparable to 2 x 26W PLC*
- *Removable gear tray for ease of installation*
- *Optional mounting frame for photocell location and /or surface conduit entry*
- *LED lifespan L70 50,000 hours*
- *Non-dimmable*

ATALED

Powered by TRIDONIC enlightening your ideas

ATALED/SG



LED Information

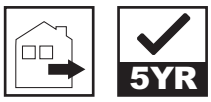
Total (Watts)	*25W*
Lumens Delivered	*417lm*
Lm/W	*17lm*
CRI	*Ra 80*
CCT	*4000K*
Input	*230V*
Hertz	*50/60Hz*
Operating Temp	*-10°C to 50°C*

M3 MWS IP65

	Code	Lamp	Description
	ATALED	LED	25W - Cool White - Black
	ATALED/SG	LED	25W - Cool White - Silver Grey
Options	**/M3**	Emergency	
	/MWS	Integral Microwave Sensor	
Accessories	**AQMB**	Mounting Frame - Black (see page 217)	
	AQMB/SG	Mounting Frame - Silver Grey (see page 217)	

Canto LED

Supplied c/w Integral Driver

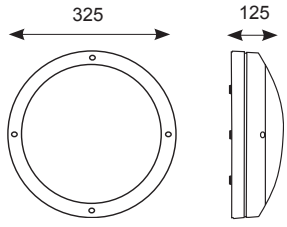


ACALED

Powered by TRIDONIC enlightening your ideas

ACALED/SG

- *Die-cast aluminium construction with tamper-proof stainless steel allen key screws retain opal polycarbonate diffuser and frame*
- *IK10 rated*
- *Performance comparable to 2 x 26W PLC*
- *Removable gear tray for ease of installation*
- *Optional mounting frame for photocell location and /or surface conduit entry*
- *LED lifespan L70 50,000 hours*
- *Non-dimmable*



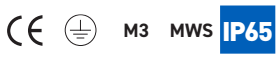
	Code	Lamp	Description
	ACALED	LED	25W - Cool White - Black
	ACALED/SG	LED	25W - Cool White - Silver Grey

Options	**/M3**	Emergency
	/MWS	Integral Microwave Sensor

Accessories	**AQMB**	Mounting Frame - Black (see page 217)
	AQMB/SG	Mounting Frame - Silver Grey (see page 217)

LED Information

Total (Watts)	*25W*
Lumens Delivered	*787lm*
Lm/W	*32lm*
CRI	*Ra 80*
CCT	*4000K*
Input	*230V*
Hertz	*50/60Hz*
Operating Temp	*-10°C to 50°C*

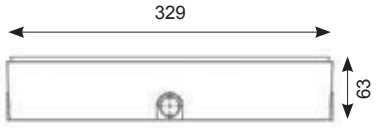


Mounting Frame

for Canto and Tardo

- *Surface mounting frame to enable conduit entry and/or installation of photocell to Canto and Tardo (pages 233 - 234)*
- *Space within mounting frame for BESA box fixing*
- *Four 20mm conduit entries*

Photocell should be ordered separately as detailed below



AQMB/SG

AQMB

AQMB with dual conduit entry exit and top photocell fitted

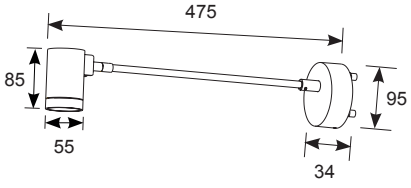
Code		Description
Accessories	**AQMB**	Black
	AQMB/SG	Silver Grey
	AMICRO2P	20mm Electronic 2 Part Photocell

Project - Mercure Hotel
Warrington, UK

Presto AC LED Display Light

No Driver Required

- *LED display light for illumination of signs, menu boards, gardens and sides of buildings*
- *No driver required*
- *Extension arm 385mm with adjustable head to an angle of 90°*
- *Die-cast aluminium construction with textured graphite paint finish*
- *LED lifespan L70 40,000 hours*
- *Non-dimmable*



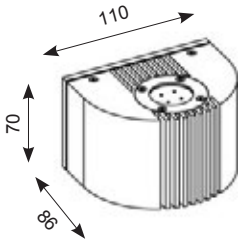
LED Information

Total (Watts)	*8W*
Lumens Delivered	*440lm*
Lm/W	*55lm*
CRI	*Ra 80*
CCT	*4000K*
Input	*230V*
Hertz	*50/60Hz*
Operating Temp	*-20°C to 45°C*

IP55

Code	Lamp	Description
APRLEDFL	LED	8W - Cool White

- *Compact architectural bi-directional wall light*
- *Comparable performance to 20W HQI*
- *Die-cast aluminium construction*
- *LED lifespan L70 60,000 hours*
- *Non-dimmable*



AALED/B

AALED/SG

LED Information

Total (Watts)	8W
Lumens Delivered	2 x 286lm
Lm/W	71lm
Beam Angle	25°
CRI	Ra 80
CCT	4000k
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 50°C

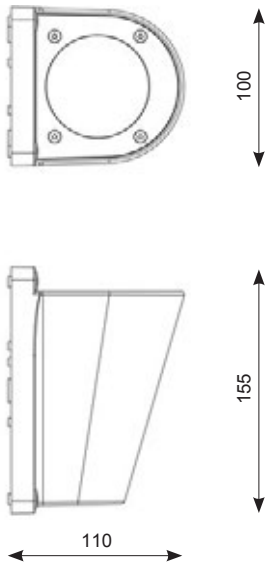
IP65

	Code	Lamp	Description
	AALED/B	LED	8W - Cool White - Black
	AALED/SG	LED	8W - Cool White - Silver Grey

Dugas

Supplied Less Lamp

- *Compact die-cast aluminium wall light*
- *Installation in either upward or downward orientation*
- *Luminaire design allows for installation of GU10 LED or GU10 CFL lamps*
- *Graphite textured paint finish*



Code	Lamp	Description
ADU50	GU10	50W

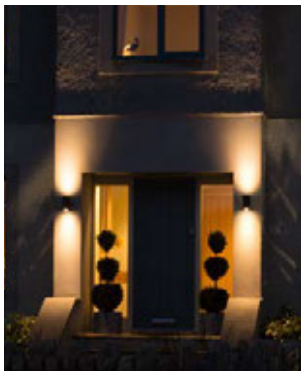
IP44

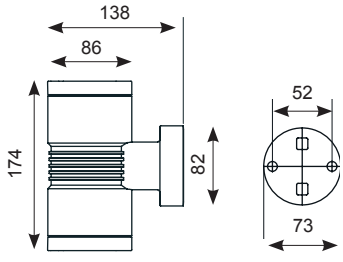
Lyra 80

Supplied Less Lamp

5YR

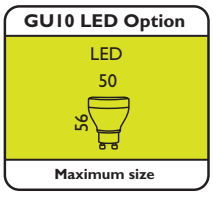
- *Architectural bi-directional die-cast wall light*
- *Suitable for GU10 LED or GU10 mains halogen lamp options*
- *Head of fitting rotates allowing exact alignment after installation*





ALY2X35GU10/SI

ALY2X35GU10/GR



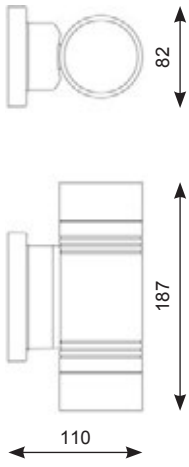
CE IP66

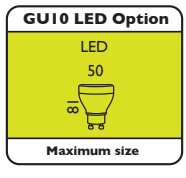
Code	Lamp	Description
ALY2X35GU10/GR	GU10	2 x 35W - Graphite
ALY2X35GU10/SI	GU10	2 x 35W - Silver

Tandem

Supplied Less Lamp

- *Bi-directional wall light*
- *Ideal for GU10 LED or GU10 mains halogen options*
- *Aluminium construction with graphite textured paint finish*

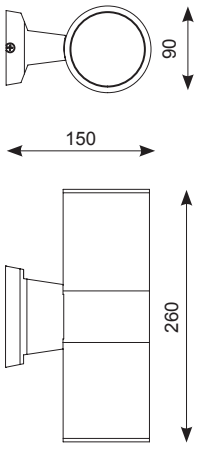




Code	Lamp	Description
ATA2X50	GU10	2 x 50W

IP55

- *Bi-directional wall light with housing in die-cast aluminium with a textured paint finish*
- *Large diameter housing to provide heat dissipation*



CE IP65

ADM50GU10/SG

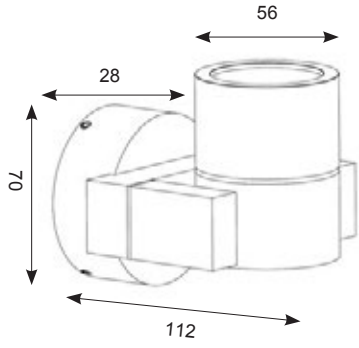
ADM50GU10

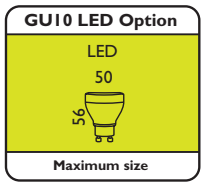
Code	Lamp	Description
ADM50GU10	GU10	2 x 50W - Black
ADM50GU10/SG	GU10	2 x 50W - Silver Grey

Riola

Supplied Less Lamp

- *Modern wall light with adjustable 180° head in vertical plane*
- *For use in both internal and external applications*
- *Brushed aluminium finish*
- *Suitable for GU10 LED or GU10 Mains halogen*





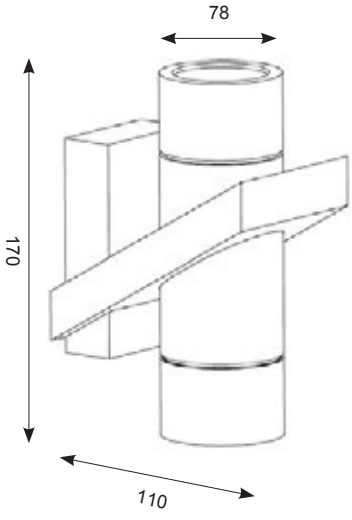
Code	Lamp	Description
ARGU10	GU10	35W

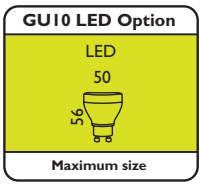
IP54

Corvus

Supplied Less Lamp

- *Modern bi-directional wall light with brushed aluminium finish*
- *For use in both internal and external applications*
- *Suitable for GU10 LED or GU10 Mains halogen*





IP54

Code	Lamp	Description
ACO2X35	GU10	2 x 35W

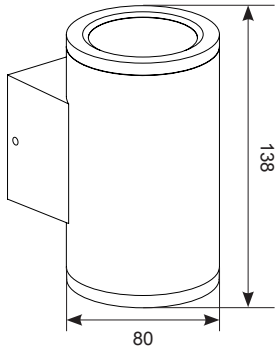
Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750

Antila LED

Supplied c/w Integral Driver

2YR

- *Die-cast aluminium bi-directional LED wall light*
- *90° Beam Angle*
- *LED lifespan L70 30,000 hours*
- *Non-Dimmable*



Code	Lamp	Description
ANTIALED	LED	11W - Cool White

LED Information

Total (Watts)	*11W*
Lumens Delivered	*406lm*
Lm/W	*37lm*
Beam Angle	*90°*
CRI	*Ra 80*
CCT	*4000K*
Input	*230V*
Hertz	*50Hz*
Operating Temp	*-10°C to 50°C*

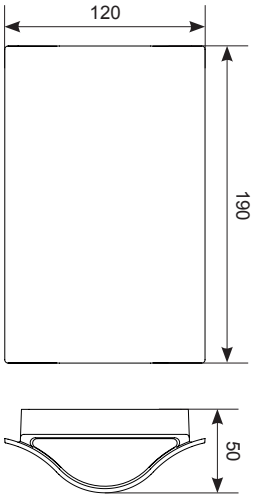
IP54

Zart LED

Supplied c/w Integral Driver

2YR

- *Bi-directional LED wall light*
- *Die-cast aluminium construction with graphite paint finish*
- *105° Beam Angle*
- *LED lifespan L70 30,000 hours*
- *Non-dimmable*



LED Information

Total (Watts)	*2 x 6W*
Lumens Delivered	*491lm*
Lm/W	*41lm*
Beam Angle	*105°*
CRI	*Ra 80*
CCT	*4000K*
Input	*230V*
Hertz	*50Hz*
Operating Temp	*-10°C to 50°C*

IP54

Code	Lamp	Description
AZATLED	LED	2 x 6W - Cool White

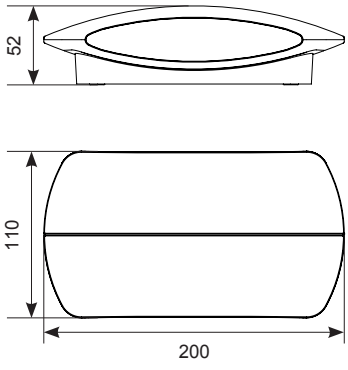
Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750

Segano LED

Supplied c/w Integral Driver

2YR

- *Bi-directional LED wall light*
- *Die-cast aluminium construction with polycarbonate diffuser*
- *90° Beam Angle*
- *LED lifespan L70 30,000 hours*
- *Non-dimmable*



Code	Lamp	Description
ASEGLED	LED	13W - Cool White

LED Information

Total (Watts)	13W
Lumens Delivered	610lm
Lm/W	47lm
Beam Angle	90°
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50Hz
Operating Temp	-10°C to 50°C

IP54

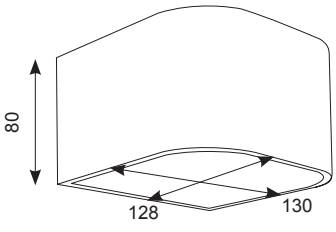
Gila LED

Supplied c/w Integral Driver

2YR

- *Modern bi-directional wall light providing vivid angled light distribution*
- *Exceeds performance of 100W halogen*
- *Die-cast aluminium body with a graphite powder coated anodized paint finish for enhanced durability*
- *LED lifespan L70 60,000 hours*
- *Non-dimmable*

Matching Gila LED Bollard *see p323*



LED Information

Total (Watts)	*11W*
Lumens Delivered	*202lm*
Lm/W	*18lm*
Beam Angle	*117°*
CRI	*Ra 93*
CCT	*4000K*
Input	*230V*
Hertz	*50/60Hz*
Operating Temp	*-20°C to 45°C*

IP55

Code	Lamp	Description
AGLED/WL	LED	11W - Cool White

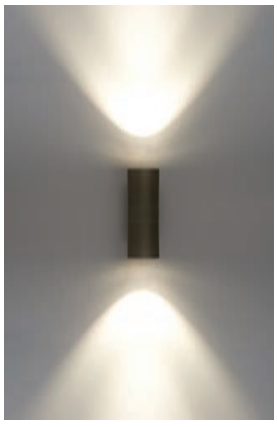
Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750

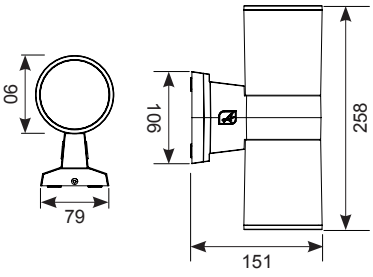
Duo Midi LED

Supplied c/w Integral Driver

2YR

- *Bi-directional LED wall light*
- *19W exceeds performance of 70W CDM-T*
- *42W exceeds performance of 150W CDM-T*
- *Die-cast aluminium construction with graphite paint finish*
- *34° beam angle*
- *LED lifespan L70 40,000 hours*
- *Non-dimmable*





ADMLED1/GR/CW

LED Information

Total (Watts)	*19W*
	42W
Lumens Delivered	
19W	*1752lm*
42W	*3582lm*
Lm/W 19W	*92lm*
Lm/W 42W	*85lm*
Beam Angle	*34°*
CRI	*Ra 80*
CCT	*4000K*
Input	*220V-240V*
Hertz	*50/60Hz*
Operating Temp	*-20°C to 40°C*

CE IP65

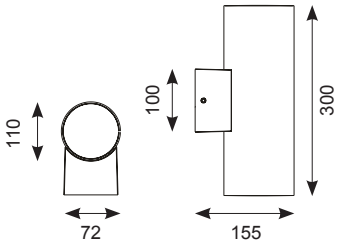
Code	Lamp	Description
ADMLED1/GR/CW	LED	19W - Cool White - Graphite
ADMLED2/GR/CW	LED	42W - Cool White - Graphite

Doppio LED

Supplied c/w Integral Driver

2YR

- *Powerful architectural bi-directional wall light*
- *Exceeds performance of 50W HQI*
- *Die-cast aluminium construction with graphite paint finish*
- *20° beam angle*
- *LED lifespan L70 50,000 hours*
- *Non-dimmable*



LED Information

Total (Watts)	*34W*
Lumens Delivered	*2 x 848lm*
Lm/W	*50lm*
Beam Angle	*20°*
CRI	*Ra 80*
CCT	*4000K*
Input	*230V*
Hertz	*50/60Hz*
Operating Temp	*-20°C to 50°C*

CE IP65

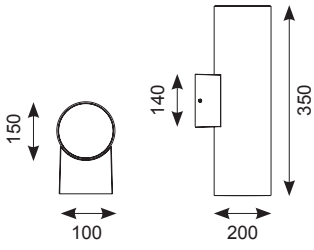
Code	Lamp	Description
ADOLEDWL	LED	34W - Cool White

Warrington: *+44 (0) 1942 433333*
Belfast: *+44 (0) 2890 773750*

Doppio HP LED

Supplied c/w Integral Driver

- *High performance architectural bi-directional wall light*
- *Exceeds performance of 150W Metal Halide*
- *Die-cast aluminium construction with graphite paint finish*
- *20° beam angle*
- *LED lifespan L70 50,000 hours*
- *Non-dimmable*



LED Information

Total (Watts)	*56.3W*
Lumens Delivered	*2x2573lm*
Lm/W	*91lm*
Beam Angle	*20°*
CRI	*Ra 80*
CCT	*4000K*
Input	*230V*
Hertz	*50/60Hz*
Operating Temp	*-20°C to 50°C*

Code	Lamp	Description
ADOLEDWL/HP	LED	56.3W - Cool White

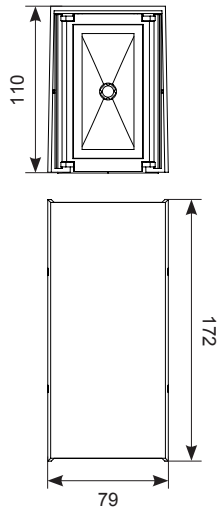
Project - Aintree University Hospital
Liverpool, UK

Alto LED

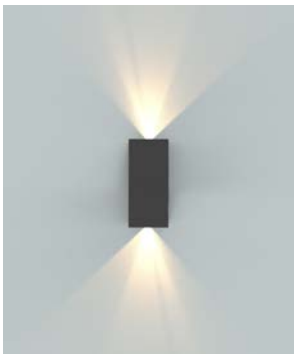
Supplied c/w Integral Driver

2YR

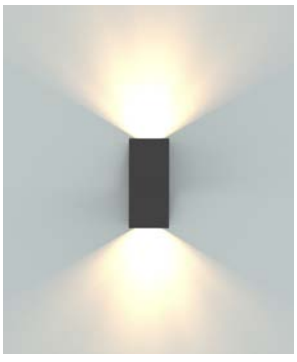
- *Surface bi-directional die-cast wall light providing unique angled distribution*
- *Independant beam angle adjustment between up and down distribution*
- *Die-cast aluminium body with graphite powder coated anodized paint finish for enhanced durability*
- *LED lifespan L70 30,000 hours*
- *Non-dimmable*



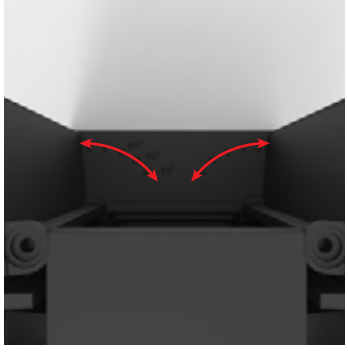
30° Beam Angle



Full Open Beam Angle



Independant beam angle Adjus ment



Code	Lamp	Description
ALTOLED	LED	6W - Cool White

LED Information

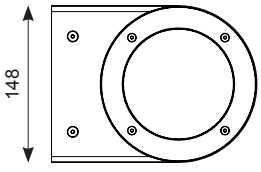
Total (Watts)	*6W*
Lumens Delivered	*205lm*
Lm/W	*34lm*
CRI	*Ra 80*
CCT	*4000K*
Input	*230V*
Hertz	*50Hz*
Operating Temp	*-10°C to 50°C*

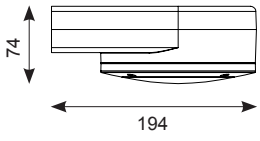
IP54

Beam AC LED

No Driver Required

- *Compact and powerful die-cast aluminium wall light*
- *Dual purpose design allows installation as either a canopy downlight or as an uplight*
- *Exceeds performance of 70W HQI*
- *Allen key screws manufactured from marine grade stainless steel*
- *LED lifespan L70 70,000 hours*
- *Non-dimmable*





LED Information

Total (Watts)	*20W*
Lumens Delivered	*1624lm*
Lm/W	*81lm*
CRI	*Ra 80*
CCT	*4000K*
Input	*230V*
Hertz	*50/60Hz*
Operating Temp	*-25°C to 35°C*

IP65

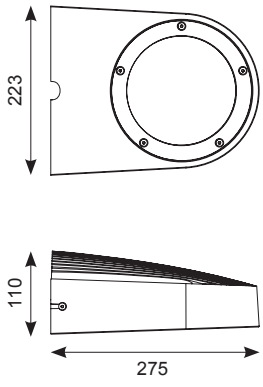
Code	Lamp	Description
ABEAMLED	LED	20W - Cool White

Aero LED

Supplied c/w Integral Driver

Top View

- *Dual purpose design allows installation as either a canopy light or as an uplight*
- *Comparable performance to 20W HQI*
- *Aluminium housing is manufactured from high purity marine grade aluminium and treated with a six stage chrome plating treatment and dry polyester powder coating ensuring excellent corrosion resistance*
- *Screws manufactured from marine grade stainless steel*
- *LED lifespan L70 40,000 hours*
- *Tempered glass cover*
- *Non-dimmable*



Code	Lamp	Description
AAROLED	LED	12W - Cool White

LED Information

Total (Watts)	*12W*
Lumens Delivered	*900lm*
Lm/W	*75lm*
CRI	*Ra 80*
CCT	*4000K*
Input	*230V*
Hertz	*50/60Hz*
Operating Temp	*-20°C to 50°C*

IP65

Eclipse MultiLED

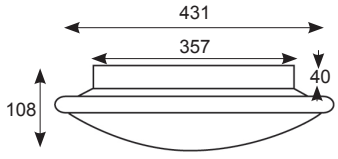
Supplied c/w Integral Driver

AECLED/CH

AECLED/W

AECLED/SC

- *LED wall/ceiling luminaire with adjustable power and light output option*
- *One product with integral driver dip-switch*
- *Lumen package options allow retrofit of 28W, 38W or 55W CFL luminaires*
- *Flexibility of performance allows suitability for multiple applications*
- *Spun aluminium base with dished opal Visiluxe diffuser*
- *Option of White, Chrome or Satin Chrome housing*
- *LED lifespan L70 54,000 hours*



	Code	Lamp	Description
	AECLED/W	LED	11W/14W/25W - White
	AECLED/CH	LED	11W/14W/25W - Chrome
	AECLED/SC	LED	11W/14W/25W - Satin Chrome
	AECLED/WW/W	LED	11W/14W/25W - White - Warm White
	AECLED/WW/CH	LED	11W/14W/25W - Chrome - Warm White
	AECLED/WW/SC	LED	11W/14W/25W - Satin Chrome - Warm White
Options	**/M3**		Self-Test Emergency
	/DD		Digital Dimming (DD1/DD2/DD3/DD4 - 25W only)
	/DD/M3		Digital Dimming Emergency (25W only)
	/MWS		Integral Microwave Sensor
	/MWS/M3		Integral Microwave Sensor Emegency

LED Information

Total (Watts)	*11W/14W/25W*	
Lumens Delivered	Cool White	Warm White
11W	*1112lm*	*1069lm*
14W	*1368lm*	*1328lm*
25W	*2441lm*	*2219lm*
Lm/W 11W	*101lm*	*97lm*
Lm/W 14W	*98lm*	*95lm*
Lm/W 25W	*90lm*	*82lm*
CRI	*Ra 80*	
CCT	*4000K*	
	3000K	
Input	*230V*	
Hertz	*50/60Hz*	
Operating Temp	*-10°C to 40°C*	

DD M3 MWS IP20

Project - Mickle Hill Nursing Home
Pickering, UK

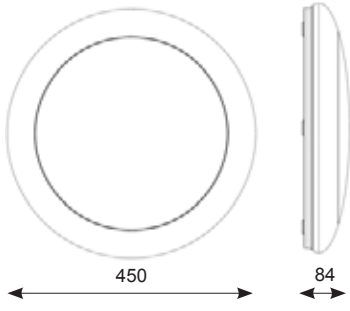
Mercury CCT LED

Supplied c/w Integral Driver

5YR ZONE 2

Chrome Trim Ring Fitted

- *IP44 polycarbonate wall/ ceiling light for corridors, stairwells and general amenity applications*
- *High output option allows for a range of installation applications*
- *LED performance significantly exceeds CFL equivalents*
- *BESA box fixing facility*
- *Integral laminated board heatsink provides high performance thermal management*
- *Digital dimming, integral emergency and microwave sensor options*
- *Chrome bezel accessory*
- *LED lifespan L70 56,000 hours*



	Code	Lamp	Description
	AMERLED/CCT	LED	19W - Matt White - Cool White/Warm White
	AMERLED/HP	LED	33W - Matt White - Cool White

Options	**/DD/M3**	Digital Dimming Emergency
	/M3	Emergency
	/DD	Digital Dimming (DD1/DD2/DD3)
	/MWS	Integral Microwave Sensor
	/MWS/M3	Integral Microwave Sensor Emergency

Accessories	**AMERLEDBZ/CH**	Chrome Trim Ring

LED Information

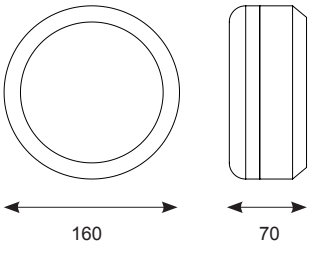
Total (Watts)	*19W*	
	33W	
Lumens Delivered	Cool White	Warm White
19W	*1655lm*	*1420lm*
33W	*2702lm*	*N/A*
Lm/W 19W	*87lm*	*71lm*
Lm/W 33W	*82lm*	*N/A*
CRI	*Ra 80*	
CCT	*4000K*	
	3000K	
Input	*230V*	
Hertz	*50/60Hz*	
Operating Temp	*-10°C to 50°C*	

CE DD M3 MWS IP44

Beta LED

Supplied c/w Integral Driver

- *Multi-purpose compact surface LED bulkhead*
- *IP44 rating and suitable for bathroom use*
- *All polycarbonate construction*
- *Comparable performance to 100W GLS and outperforms 16W CFL equivalents*
- *Instant light output and unlimited switching*
- *LED lifespan L70 56,000 hours*
- *Non-dimmable*



LED Information

Total (Watts)	*7W*
Lumens Delivered	*436lm*
Lm/W	*87lm*
CRI	*Ra 70*
CCT	*4000K*
Input	*230V*
Hertz	*50Hz*
Operating Temp	*0°C to 25°C*

IP44

	Code	Lamp	Description
	ABELED/WV	LED	7W - Cool White - White Base, Opal Visiluxe Diffuser

Warrington: *+44 (0) 1942 433333*
Belfast: *+44 (0) 2890 773750*

Gamma Mini LED

Supplied c/w Integral Driver

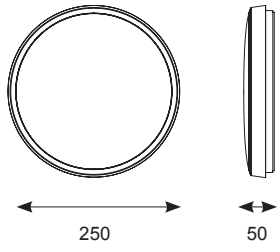
3YR ZONE 2

AMGAMLED

Chrome Trim Ring Fitted

Ultra slim profile

- *Ultra slim modern polycarbonate wall/ceiling light*
- *Matt white finish to body and diffuser*
- *Rear fixing bracket and terminal housing for ease of installation*
- *Performance comparable to 28W TD-CC*
- *IP54 rating and suitable for bathroom use*
- *Microwave sensor set to 15 minutes (non-adjustable)*
- */MWS and /MWS/M3 versions Masters as standard*
- */MWS and MWS/M3 has integral photocell isolation switch*
- *LED lifespan L70 50,000 hours*
- *Non-dimmable*



	Code	Lamp	Description
	AMGAMLED	LED	11W - Cool White
	AMGAMLED/WW	LED	11W - Warm White
Options	**/M3**		Emergency
	/MWS		Internal Microwave Sensor
	/MWS/M3		Integral Microwave Sensor and Emergency
Accessories	**AMGAMLEDBZ/CH**		Chrome Trim Ring

LED Information

Total (Watts)	*11W*
Lumens Delivered	
Cool White	*1031lm*
Warm White	*971lm*
Lm/W Cool White	*94lm*
Lm/W Warm White	*88lm*
CRI	*Ra 80*
CCT Cool White	*4000K*
CCT Warm White	*3000K*
Input	*230V*
Hertz	*50Hz*
Operating Temp	*-5°C to 35°C*

M3 MWS IP54

Gamma LED

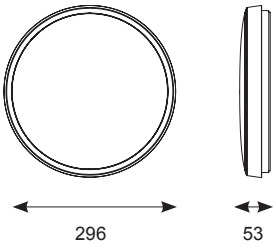
Supplied c/w Integral Driver

ZONE 2 | 3YR

- *Ultra slim modern polycarbonate wall/ceiling light*
- *Matt white finish to body and diffuser*
- *Rear fixing bracket and terminal housing for ease of installation*
- *Outperforms 38W CFL with opal diffuser by 25% and prismatic diffuser by 52%*
- *IP54 rating and suitable for bathroom use*
- *Microwave sensor set to 15 minutes (non-adjustable)*
- */MWS and /MWS/M3 versions Masters as standard*
- */MWS and MWS/M3 has integral photocell isolation switch*
- *LED lifespan L70 50,000 hours*
- *Non-dimmable*

AGAMLED

Chrome Trim Ring Fitted



Ultra slim profile

LED Information

Total (Watts)	*18W*
Lumens Delivered	
Cool White	*1675lm*
Warm White	*1551lm*
Lm/W Cool White	*93lm*
Lm/W Warm White	*86lm*
CRI	*Ra 80*
CCT Cool White	*4000K*
CCT Warm White	*3000K*
Input	*230V*
Hertz	*50Hz*
Operating Temp	*-5°C to 35°C*

CE M3 MWS IP54

	Code	Lamp	Description
	AGAMLED	LED	18W - Cool White
	AGAMLED/WW	LED	18W - Warm White

Options	**/M3**	Emergency
	/MWS	Internal Microwave Sensor
	/MWS/M3	Integral Microwave Sensor and Emergency

Accessories	**AGAMLEDBZ/CH**	Chrome Trim Ring

Warrington: *+44 (0) 1942 433333*
Belfast: *+44 (0) 2890 773750*

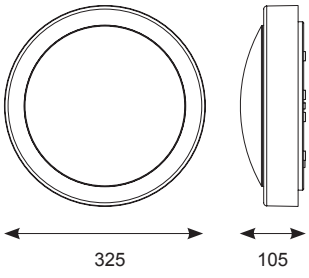
Jaz LED

Supplied c/w Integral Driver

ZONE 2 | 5YR

- *Contemporary all polycarbonate fixture for wall/ceiling mounting*
- *LED performance exceeds CFL equivalents*
- */MWS/M3/CF provides CorridorFUNCTION with Tridonic control gear*
- *Optional chrome trim ring*
- *LED lifespan L70 56,000 hours*
- *Non-dimmable*

IP65



Chrome Trim Ring Fitted

LED Information

Total (Watts)	*14W*
Lumens Delivered	*993lm*
Lm/W	*66lm*
CRI	*Ra 80*
CCT	*4000K*
Input	*230V*
Hertz	*50/60Hz*
Operating Temp	*0°C to 25°C*

CE M3 MWS IP65

	Code	Lamp	Description
	AJALED	LED	14W - Cool White
Options	**/M3**	Emergency	
	/MWS	Internal Microwave Sensor	
	/MWS/M3	Integral Microwave Sensor and Emergency	
	/MWS/M3/CF	Integral Microwave Sensor and Emergency (CorridorFUNCTION)	
Accessories	**AJALEDBZ/CH**		Chrome Trim Ring

Disco Slim LED

Supplied c/w Integral Driver

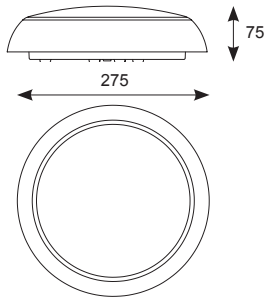
5YR ZONE 2

ADSILED1 IP65

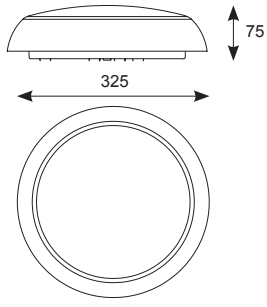
fitted with chrome trim ring

fitted with graphite trim ring

- *Slim modern design with all polycarbonate construction with opal diffuser and white trim ring*
- *8W exceeds performance of 16W CFL*
- *13W exceeds performance of 38W CFL*
- *Two options of microwave sensor emergency*
- */MWS/M3/CF provides CorridorFUNCTION with Tridonic control gear*
- *Instant light output and unlimited switching*
- *LED lifespan L70 56,000 hours*
- *Non-dimmable*



ADSILED1



ADSILED2

	Code	Lamp	Description
	ADSILED1	LED	8W - Cool White
	ADSILED1/WW	LED	8W - Warm White
	ADSILED2	LED	13W - Cool White
	ADSILED2/WW	LED	13W - Warm White
Options	**/M3**	Emergency (13W only)	
	/MWS	Integral Microwave Sensor (13W only)	
	/MWS/M3	Integral Microwave Sensor and Emergency (13W only)	
	/MWS/M3/CF	Integral Microwave Sensor and Emergency CorridorFUNCTION (13W only)	
Accessories	**ADSILED/1BZ/CH**	Chrome Trim Ring (8W)	
	ADSILED/1BZ/GR	Graphite Trim Ring (8W)	
	ADSILED/2BZ/CH	Chrome Trim Ring (13W)	
	ADSILED/2BZ/GR	Graphite Trim Ring (13W)	

LED Information

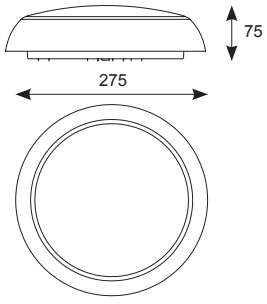
	Cool White	Warm White
Total (Watts)		*8W*
		13W
Lumens Delivered	*584lm*	*547lm*
	1021lm	*979lm*
Lm/W	*73lm*	*68lm*
	79lm	*75lm*
CRI		*Ra 80*
CCT Cool White		*4000K*
CCT Warm White		*3000K*
Input		*230V*
Hertz		*50Hz*
Operating Temp		*-10°C to 50°C*

CE M3 MWS IP65

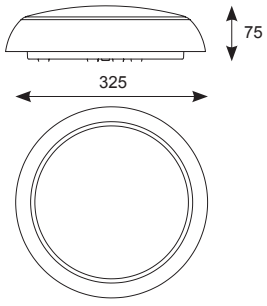
Disco Slim Halo LED

Supplied c/w Integral Driver

- *Slim modern design with all polycarbonate construction with opal diffuser and white trim ring*
- *Unique design creates halo light spill effect*
- *8W exceeds performance of 28W TC-DD*
- *13W comparable performance to 40W TC-DD*
- *Two options of microwave sensor emergency*
- */MWS/M3/CF provides CorridorFUNCTION with Tridonic control gear*
- *Instant light output and unlimited switching*
- *LED lifespan L70 56,000 hours*
- *Non-dimmable*



ADSIHLED1



ADSIHLED2

ADSIHLED1

Halo light spill effect

fitted with chrome trim ring

fitted with graphite trim ring

	Cool White	Warm White
LED Information		
Total (Watts)	*8W*	*13W*
Lumens Delivered	*687lm*	*1198lm*
	605lm	*1064lm*
Lm/W	*86lm*	*92lm*
	87lm	*82lm*
CRI	*Ra 80*	
CCT Cool White	*4000K*	
CCT Warm White	*3000K*	
Input	*230V*	
Hertz	*50Hz*	
Operating Temp	*-10°C to 50°C*	

CE M3 MWS IP65

	Code	Lamp	Description
	ADSIHLED1	LED	8W - Cool White
	ADSIHLED1/WW	LED	8W - Warm White
	ADSIHLED2	LED	13W - Cool White
	ADSIHLED2/WW	LED	13W - Warm White
Options	**/M3**		Emergency (13W only)
	/MWS		Integral Microwave Sensor (13W only)
	/MWS/M3		Integral Microwave Sensor and Emergency (13W only)
	/MWS/M3/CF		Integral Microwave Sensor and Emergency CorridorFUNCTION (13W only)
Accessories	**ADSILED/1BZ/CH**		Chrome Trim Ring (8W)
	ADSILED/1BZ/GR		Graphite Trim Ring (8W)
	ADSILED/2BZ/CH		Chrome Trim Ring (13W)
	ADSILED/2BZ/GR		Graphite Trim Ring (13W)

Disco LED

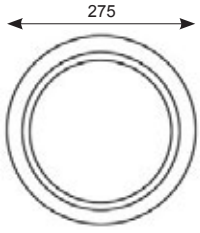
Supplied c/w Integral Driver

5YR ZONE 2

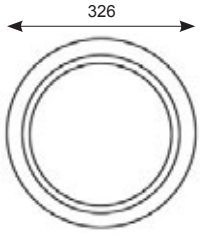
ADILED1 IP65

ADILED2 IP65

- *All polycarbonate construction with opal diffuser and white trim ring*
- *LED performance exceeds CFL equivalents*
- *Two options of microwave sensor emergency*
- */MWS/M3/CF provides CorridorFUNCTION with Tridonic control gear*
- *Instant light output and unlimited switching*
- *LED lifespan L70 56,000 hours*
- *Non-dimmable*



ADILED1



ADILED2

Code	Lamp	Description
ADILED1	LED	8W - Cool White
ADILED2	LED	14W - Cool White
/M3	Emergency (14W only)	
/MWS	Integral Microwave Sensor (14W only)	
/MWS/M3	Integral Microwave Sensor and Emergency (14W only)	
/MWS/M3/CF	Integral Microwave Sensor and Emergency CorridorFUNCTION (14W only)	
ADI16BZ/BR	Brass Trim Ring (8W)	
ADI16BZ/CH	Chrome Trim Ring (8W)	
ADI16BZ/SG	Silver Grey Trim Ring (8W)	
ADI28BZ/BR	Brass Trim Ring (14W)	
ADI28BZ/CH	Chrome Trim Ring (14W)	
ADI28BZ/SG	Silver Grey Trim Ring (14W)	

LED Information

Total (Watts)	*8W*
	14W
Lumens Delivered	*539lm*
	860lm
Lm/W	*67lm*
	61lm
CRI	*Ra 70*
CCT	*4000K*
Input	*230V*
Hertz	*50/60Hz*
Operating Temp	*-10°C to 25°C*

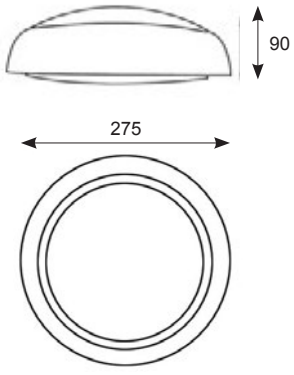
CE M3 MWS IP65

Disco CFL

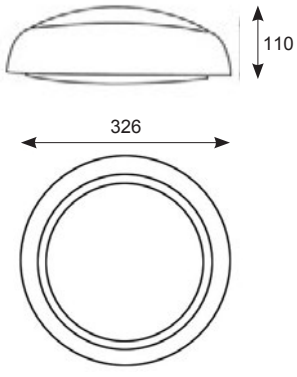
Supplied c/w Lamp

ZONE 2 | HF

- *All polycarbonate construction with opal diffuser and white trim ring*
- *Optional trim rings available in brass, chrome and silver grey finishes*
- *Suitable for bathrooms*



ADI16/HF



ADI28/HF

fitted with brass trim ring

fitted with chrome trim ring

fitted with silver grey trim ring

	Code	Lamp	Description
	ADI16/HF	TC-DD	16W
	ADI28/HF	TC-DD	28W
Options			
	/M3		Emergency (28W only)
	/MWS		Integral Microwave Sensor (28W only)
Accessories	**ADI16BZ/BR**		Brass Trim Ring (16W)
	ADI16BZ/CH		Chrome Trim Ring (16W)
	ADI16BZ/SG		Silver Grey Trim Ring (16W)
	ADI28BZ/BR		Brass Trim Ring (28W)
	ADI28BZ/CH		Chrome Trim Ring (28W)
	ADI28BZ/SG		Silver Grey Trim Ring (28W)

CE | HF | M3 | MWS | IP65

Astro LED

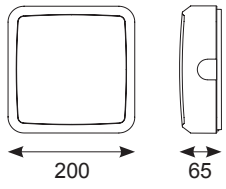
Supplied c/w Integral Driver and Trim Accessory

AALED1/BV
(Fitted with Trim Attab ment)

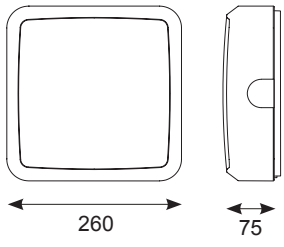
AALED1/WV

AALED2/WV
(Fitted with Trim Attab ment)

- *All polycarbonate multi-purpose LED square bulkhead*
- *LED performance exceeds CFL equivalents*
- *Push fit feed-in, feed-out terminals for speed and ease of installation*
- *Supplied c/w optional trim attachment which provides a more commercially aesthetic appearance*
- *Unique Visiluxe diffuser allows 90% light transmission from LED source for increased performance*
- *Instant light output and unlimited switching*
- *LED lifespan L70 56,000 hours*
- *Non-dimmable*



AALED1



AALED2

	Code	Lamp	Description
	AALED1/BV	LED	7W - Cool White - Black Base, Visiluxe Cover
	AALED1/WV	LED	7W - Cool White - White Base, Visiluxe Cover
	AALED2/BV	LED	14W - Cool White - Black Base, Visiluxe Cover
	AALED2/WV	LED	14W - Cool White - White Base, Visiluxe Cover

Options	**/PC**	Electronic Photocell
	/M3	Emergency (14W only)
	/MWS	Integral Microwave Sensor (14W only)
	/MWS/M3	Integral Microwave Sensor and Emergency (14W only)

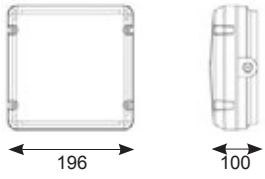
LED Information

Total (Watts)	*7W*
	14W
Lumens Delivered	
7W	*628lm*
14W	*1220lm*
Lm/W	*89lm*
	87lm
CRI	*Ra 70*
CCT	*4000K*
Input	*230V*
Hertz	*50Hz*
Operating Temp	*-10°C to 40°C*

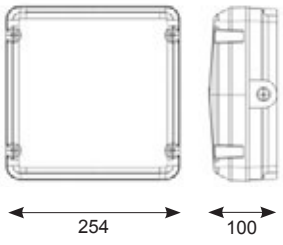
M3 MWS IP65

- *Multi-purpose range of square bulkhead fittings for both internal and external installations*
- *All polycarbonate construction with hinged gear tray*
- *Body options of black or white base with diffuser options of clear prismatic or opal*

AA16/BP/HF



AA16



AA28

AA28/WP/HF

	Code	Lamp	Description
	AA16/BP/HF	TC-DD	16W - Black Base / Prismatic Cover
	AA16/WP/HF	TC-DD	16W - White Base / Prismatic Cover
	AA28/BP/HF	TC-DD	28W - Black Base / Prismatic Cover
	AA28/WP/HF	TC-DD	28W - White Base / Prismatic Cover
Options	**/PC**		Photocell
	/M3		Emergency (28W only)
	/MWS		Integral Microwave Sensor (28W only)

CE HF IP65

CE M3 HF MWS IP65

Delta LED

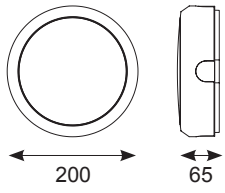
Supplied c/w Integral Driver and Trim Accessory

ADLED1/BV
(Fitted with Trim Attab ment)

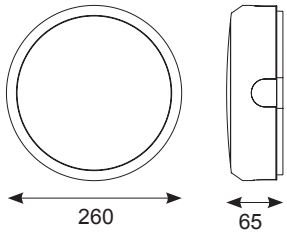
ADLED1/BV

ADLED2/WV
(Fitted with Trim Attab ment)

- *All polycarbonate multi-purpose LED round bulkhead*
- *LED performance exceeds CFL equivalents*
- *Push fit feed-in, feed-out terminals for speed and ease of installation*
- *Supplied c/w optional trim attachment which provides a more commercially aesthetic appearance*
- *Unique Visiluxe diffuser allows 90% light transmission from LED source for increased performance*
- *Instant light output and unlimited switching*
- *LED lifespan L70 56,000 hours*
- *Non-dimmable*



ADLED1



ADLED2

	Code	Lamp	Description
	ADLED1/BV	LED	6W - Cool White - Black Base, Visiluxe Cover
	ADLED1/WV	LED	6W -Cool White - White Base, Visiluxe Cover
	ADLED2/BV	LED	14W - Cool White - Black Base, Visiluxe Cover
	ADLED2/WV	LED	14W - Cool White - White Base, Visiluxe Cover
Options	**/PC**	Electronic Photocell	
	/M3	Emergency (14W only)	
	/MWS	Integral Microwave Sensor (14W standard model only)	
	/MWS/M3	Integral Microwave Sensor and Emergency (14W only)	

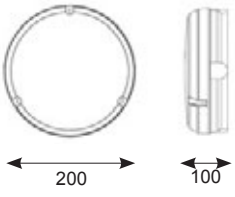
LED Information

Total (Watts)	*6W*
	14W
Lumens Delivered	
6W	*661lm*
14W	*1208lm*
Lm/W	*110lm*
	86lm
CRI	*Ra 70*
CCT	*4000K*
Input	*230V*
Hertz	*50Hz*
Operating Temp	*-10°C to 25°C*

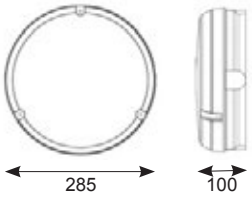
M3 MWS IP65

- *Multi-purpose range of circular bulkhead fittings for both internal and external installations*
- *All polycarbonate construction*
- *Body options of black or white base with diffuser options of clear prismatic or opal*

AD16/WP/HF



AD16



AD28

AD28/BP/HF

	Code	Lamp	Description
	AD16/BP/HF	TC-DD	16W - Black Base / Prismatic Cover
	AD16/WO/HF	TC-DD	16W - White Base / Opal Cover
	AD16/WP/HF	TC-DD	16W - White Base / Prismatic Cover
	AD28/BP/HF	TC-DD	28W - Black Base / Prismatic Cover
	AD28/WO/HF	TC-DD	28W - White Base / Opal Cover
	AD28/WP/HF	TC-DD	28W - White Base / Prismatic Cover
Options	**/PC**		Photocell
	/M3		Emergency (28W only)
	/MWS		Integral Microwave Sensor (28W only)

CE HF IP65

CE M3 HF MWS IP65

Mini Vision 3 LED

Supplied c/w Integral Driver and 3 Trim Designs

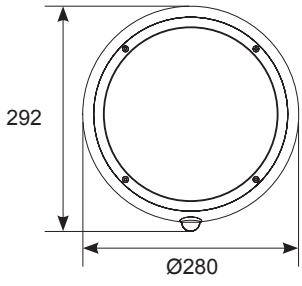
5YR

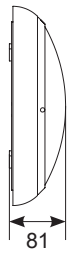
AVIMLED/GR/PIR

AVIMLED/SG/PIR - Fitted with Louvred Eyelid

AVIMLED/W - Fitted with Louvred Eyelid

- *IP65 polycarbonate LED luminaire for external applications*
- *Each fitting supplied with plain, louvred eyelid and plain eyelid covers*
- *Exceeds performance of CFL equivalents*
- *Integral die-cast aluminium heatsink provides thermally managed high performance*
- *LED lifespan L70 36,000 hours*
- *Non-dimmable*





Max 8 metres
8 seconds to 5 minutes
2 to 2000 LUX

	Code	Lamp	Description
Standard	**AVIMLED/GR**	LED	9W - Graphite
	AVIMLED/SG	LED	9W - Silver Grey
	AVIMLED/W	LED	9W - White
PIR	**AVIMLED/GR/PIR**	LED	9W - PIR - Graphite
	AVIMLED/SG/PIR	LED	9W - PIR - Silver Grey
	AVIMLED/W/PIR	LED	9W - PIR -White

LED Information

Total (Watts)	*9W*
Lumens Delivered	*797lm*
Lm/W	*89lm**
CRI	*Ra 80*
CCT	*4000K*
Input	*230V*
Hertz	*50/60Hz*
Operating Temp	*-10°C to 50°C*

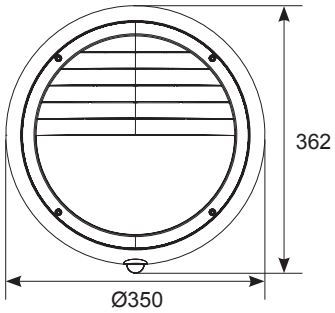
** Please note that Lm/W rating reduces for eyelid versions*

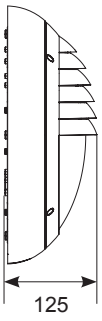
CE IP65

Vision 3 LED

Supplied c/w Integral Driver and 3 Trim Designs

- *IP65 polycarbonate 3-In-1 LED luminaire for external applications*
- *Each fitting supplied with plain, louvred eyelid and plain eyelid covers*
- *Exceeds performance of CFL equivalents*
- *Integral die-cast aluminium heatsink provides thermally managed high performance*
- *20W LED lifespan L70 56,000 hours*
- *Non-dimmable*





PIR

Max 8 metres
8 seconds to 5 minutes
2 to 2000 LUX

Powered by TRIDONIC
enlightening your ideas

Fitted with Solid Eyelid

Fitted with Louvred Eyelid

LED Information

Total (Watts)	17W
Lumens Delivered	
Cool White	1420lm
Warm White	1324lm
Lm/W Cool White	84lm*
Lm/W Warm White	83lm*
CRI	Ra 80
CCT	4000K
	3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-10°C to 50°C

** Please note that Lm/W rating reduces for eyelid versions*

M3 MWS IP65

	Code	Lamp	Description
Standard	**AVILED/CCT/GR**	LED	17W - Graphite - Cool White/Warm White
	AVILED/CCT/SG	LED	17W - Silver Grey - Cool White/Warm White
	AVILED/CCT/W	LED	17W - White - Cool White/Warm White
PIR	**AVILED/CCT/GR/PIR**	LED	17W - Graphite - Cool White/Warm White - PIR
	AVILED/CCT/SG/PIR	LED	17W - Silver Grey - Cool White/Warm White - PIR
	AVILED/CCT/W/PIR	LED	17W - White - Cool White/Warm White - PIR

Options	**/M3**	Emergency
	/MWS	Integral Microwave Sensor
	/MWS/M3	Integral Microwave Sensor Emergency

Vision 3 HP LED

Supplied c/w Integral Driver and 3 Trim Designs

5YR

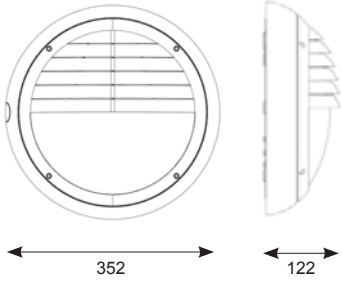
Removable conduit entry
a p for eae of ins allation

Powered by TRIDONIC
enlightening your ideas

Fitted with Solid Eye lid

Fitted with Louvred Eye lid

- *IP65 polycarbonate 3-In-1 LED luminaire for external applications*
- *Each fitting supplied with plain, louvred eyelid and plain eyelid covers*
- *Exceeds performance of CFL equivalents*
- *Four conduit entry points*
- *Integral die-cast aluminium heatsink provides thermally managed high performance*
- *31W LED lifespan L70 36,000 hours*
- *Non-dimmable*



	Code	Lamp	Description
	AVILED/HP/GR	LED	31W - Graphite
	AVILED/HP/SG	LED	31W - Silver Grey
	AVILED/HP/W	LED	31W - White

Options	**/M3**	Emergency
	/MWS	Integral Microwave Sensor
	/MWS/M3	Integral Microwave Sensor Emergency

LED Information

Total (Watts)	*31W*
Lumens Delivered 31W	*2426lm*
Lm/W 31W	*78lm**
CRI	*Ra 80*
CCT	*4000K*
Input	*230V*
Hertz	*50/60Hz*
Operating Temp	*-10°C to 50°C*

** Please note that Lm/W rating reduces for eyelid versions*

CE M3 MWS IP65

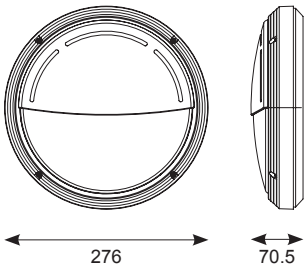
Project - Newbridge School
Oldham, UK

Project - Private Residential
County Wicklow, Ireland

Topaz LED

Supplied c/w Integral Driver

- *All polycarbonate decorative wall light*
- *Feature eyelid cover*
- *Exceeds performance to 18W PLC*
- *LED lifespan L70 56,000 hours*
- *Non-dimmable*



ATOPLED/B

ATOPLED/W

LED Information

Total (Watts)	*8W*
Lumens Delivered	*439lm*
Lm/W	*55lm*
CRI	*Ra 80*
CCT	*4000K*
Input	*230V*
Hertz	*50/60Hz*
Operating Temp	*0°C to 25°C*

IP65

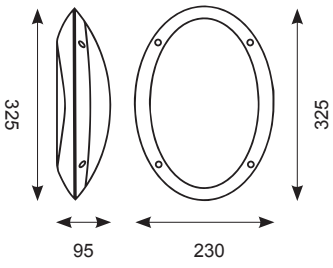
Code	Lamp	Description
ATOPLED/B	LED	8W - Cool White - Black
ATOPLED/W	LED	8W - Cool White - White

Project - Stonecross Industrial Park
Warrington, UK

Ancona Oval LED

Supplied c/w Integral Driver,Plain Cover and Eyelid Cover

- *All polycarbonate oval bulkhead suitable for wall and ceiling applications*
- *Supplied with both plain and eyelid diffusers*
- *Comparable performance to 2x18W PLC*
- *Body options of black or white*
- *LED lifespan L70 56,000 hours*
- *Non-dimmable*



AANCLED/B

Fitted with Plain Cover

AANCLED/W

Fitted with Eyelid Cover

LED Information

Total (Watts)	*11W*
Lumens Delivered	*862lm*
Lm/W	*78lm*
CRI	*Ra 80*
CCT	*4000K*
Input	*230V*
Hertz	*50/60Hz*
Operating Temp	*-25°C to 45°C*

IP66

Code	Lamp	Description
AANCLED/B	LED	11W - Cool White - Black
AANCLED/W	LED	11W - Cool White - White

Warrington: *+44 (0) 1942 433333*
Belfast: *+44 (0) 2890 773750*

Pesaro Circular LED

Supplied c/w Integral Driver, Plain Cover and Eyelid Cover

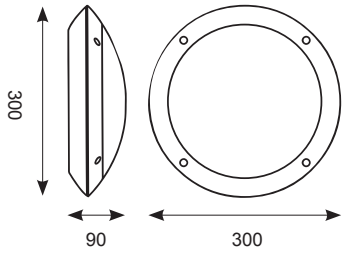
APESLED/B

Fitted with Plain Cover

APESLEDW

Fitted with Eyelid Cover

- *All polycarbonate circular bulkhead suitable for wall and ceiling applications*
- *Supplied with both plain and eyelid diffusers*
- *Exceeds performance of 2x18W PLC*
- *Body options of black or white*
- *LED lifespan L70 56,000 hours*
- *Non-dimmable*



Code	Lamp	Description
APESLED/B	LED	11W - Cool White - Black
APESLED/W	LED	11W - Cool White - White

LED Information

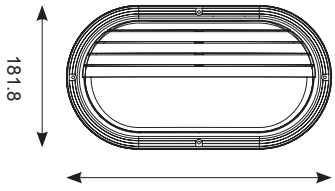
Total (Watts)	*11W*
Lumens Delivered	*931lm*
Lm/W	*85lm*
CRI	*Ra 80*
CCT	*4000K*
Input	*230V*
Hertz	*50/60Hz*
Operating Temp	*-25°C to 45°C*

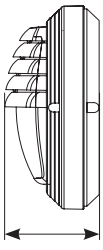
Sorrento 2 LED

Supplied c/w Integral Driver, Plain Cover and Eyelid Cover

- *Shallow depth IP65 polycarbonate 2-In-1 LED bulkhead for external applications*
- *Supplied with both plain and louvred eyelid covers*
- *Exceeds performance of 18W PLC*
- *LED lifespan L70 56,000 hours*
- *Non-dimmable*

ASR2LED/W
(Plain Cover)





ASR2LED/B
(Plain Cover)

ASR2LED/B
(Louvred Eyelid Cover)

ASR2LED/W
(Louvred Eyelid Cover)

LED Information

Total (Watts)	*8W*
Lumens Delivered	*634lm*
Lm/W	*79lm*
CRI	*Ra 80*
CCT	*4000K*
Input	*230V*
Hertz	*50/60Hz*
Operating Temp	*-25°C to 25°C*

CE IP65

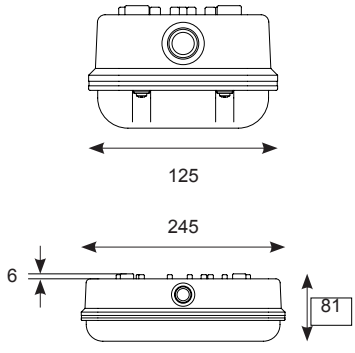
Code	Lamp	Description
ASR2LED/B	LED	8W - Cool White - Black
ASR2LED/W	LED	8W - Cool White - White

Sleek LED Polycarbonate Bulkhead

Supplied c/w Integral Driver

2YR

- *All polycarbonate multi-purpose bulkhead*
- *Exceeds performance of 9W PL*
- *Unique Visiluxe diffuser allows 90% light transmission from LED source for increased performance*
- *Instant light output and unlimited switching*
- *LED lifespan L70 56,000 hours*
- *Non-dimmable*



	Code	Lamp	Description
	ASBLED	LED	6W - Cool White

Options	**/PC**	Electronic Photocell
	/MWS	Integral Microwave Sensor

LED Information

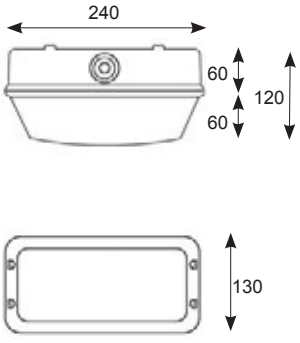
Total (Watts)	*6W*
Lumens Delivered	*440lm*
Lm/W	*73lm*
CRI	*Ra 80*
CCT	*4000K*
Input	*230V*
Hertz	*50Hz*
Operating Temp	*0°C to 25°C*

IP65

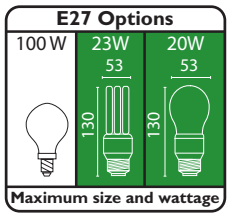
E27 Polycarbonate Bulkhead

Supplied Less Lamp

- *Vandal resistant all polycarbonate construction*



A100POLY



CE IP65

Code	Lamp	Description
A100POLY	E27	100W - Black Base

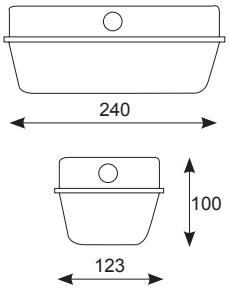
Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750

E27 Aluminium Bulkhead

Supplied Less Lamp

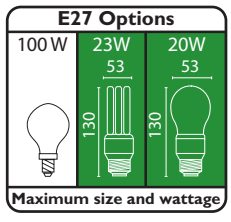
- *Aluminium alloy body to prevent corrosion*
- *Option of vandal resistant polycarbonate or glass lens*

A100PC



A100GC

A100PR



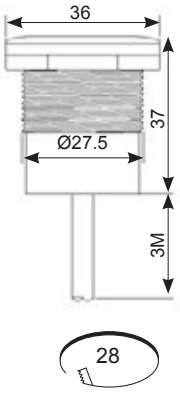
Code	Lamp	Description
A100PC	E27	100W - Polycarbonate Lens
A100GC	E27	100W - Glass Lens
A100PR	E27	100W - Red Polycarbonate Lens

IP65

Pavo LED Panel Mount Submersible

Supplied Less Driver

- *Small recessed LED marker light for a variety of panel mounted internal and external applications*
- *Suitable for panels, water features, spa baths and pools*
- *316L stainless steel bezel and housing*
- *Pre-wired with 2 metres of rubber insulated cable*
- *Submersible to a depth of up to 2 metres*
- *LED lifespan L70 50,000 hours*



APLED/CW

APLED/WW

LED Information

Total (Watts)	*1W*
Lumens Delivered	
Cool White	*35lm*
Warm White	*35lm*
Lm/W Cool White	*35lm*
Lm/W Warm White	*35lm*
CRI Cool White	*Ra 75*
CRI Warm White	*Ra 80*
CCT Cool White	*6000K*
CCT Warm White	*3000K*
Input	*12V/24V*
Hertz	*50/60Hz*
Operating Temp	*-20°C to 40°C*

IP68

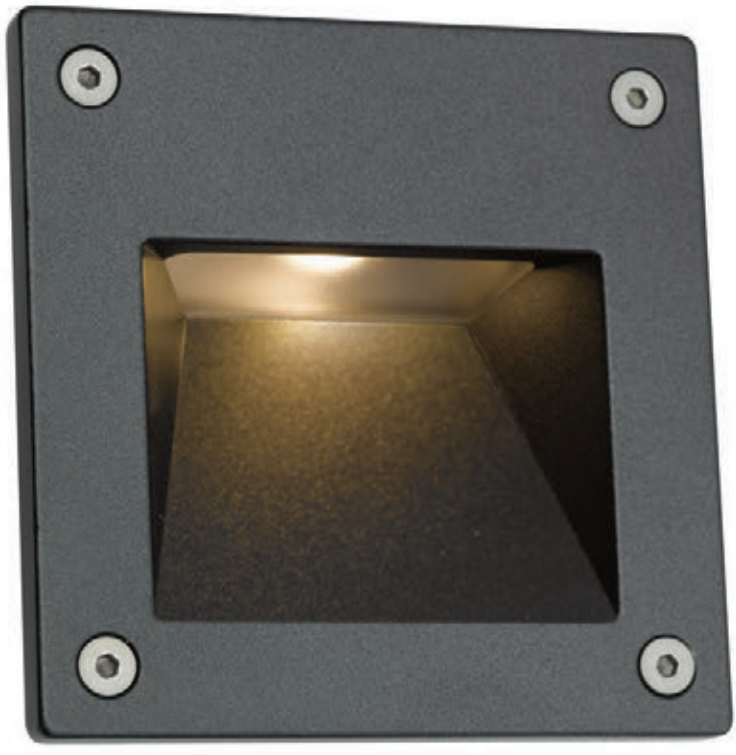
	Code	Lamp	Description
	APLED/CW	LED	1W - Cool White
	APLED/WW	LED	1W - Warm White
Accessories	**ADK15W/24V**		15W 24V LED Driver
	ADK60W/24V		60W 24V LED Driver
	AMCD25W		10W - 20W Multicurrent Dimmable LED Driver

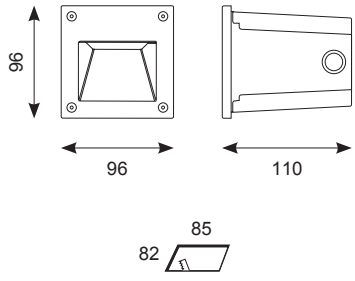
Camini LED

Supplied c/w Integral Driver

2YR

- *Compact low level square LED pathway light with downward light spill*
- *Die-cast aluminium construction with graphite paint finish*
- *Supplied c/w plastic installation box and pre-wired with 1 metre of rubber insulated cable for ease of installation*
- *LED lifespan L70 50,000 hours*
- *Non-dimmable*





Code	Lamp	Description
ACSQLEDWL	LED	3W - Cool White

LED Information

Total (Watts)	*3W*
Lumens Delivered	*79lm*
Lm/W	*22lm*
CRI	*Ra 80*
CCT	*4000K*
Input	*230V*
Hertz	*50/60Hz*
Operating Temp	*-20°C to 50°C*

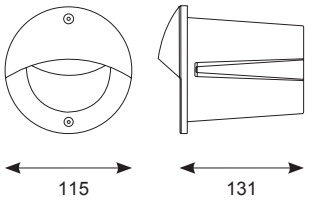
IP65

Parona LED

Supplied c/w Integral Driver

2YR

- *Compact low level circular LED pathway light with downward light spill*
- *Die-cast aluminium construction with graphite paint finish*
- *Supplied c/w plastic installation box and pre-wired with 1 metre of rubber insulated cable for ease of installation*
- *LED lifespan L70 50,000 hours*
- *Non-dimmable*



LED Information

Total (Watts)	*4W*
Lumens Delivered	*178lm*
Lm/W	*45lm*
CRI	*Ra 80*
CCT	*4000K*
Input	*230V*
Hertz	*50/60Hz*
Operating Temp	*-20°C to 50°C*

CE IP65

	Code	Lamp	Description
	APCLEDWL	LED	4W - Cool White

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750

Project - Private Residential
Liverpool, UK

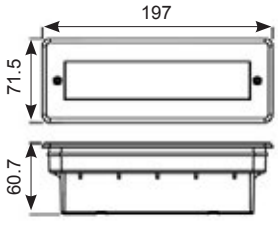
Libretto LED Bricklight

Supplied c/w Integral Driver

- *Stainless steel front cover with clear polycarbonate front lens and recessed housing*
- *Integral driver with loop-in, loop-out connections*
- *LED lifespan L70 40,000 hours*
- *Non-dimmable*

ALIBLED/BLU

ALIBLED/WHI



LED Information

Total (Watts)	*2W*
Lumens Delivered	
Cool White	*126lm*
Blue	*48lm*
Lm/W White	*63lm*
Lm/W Blue	*24lm*
CRI Cool White	*Ra 65*
CCT	*6000K*
Input	*230V*
Hertz	*50Hz*
Operating Temp	*-10°C to 25°C*

IP65

Code	Lamp	Description
ALIBLED/WHI	LED	2W - Cool White
ALIBLED/BLU	LED	2W - Blue

Warrington: *+44 (0) 1942 433333*
Belfast: *+44 (0) 2890 773750*

Fidena LED Bricklight

Supplied c/w Integral Driver

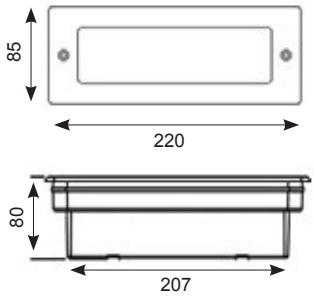
2YR

- *Die-cast aluminium housing and front cover*
- *Toughened front frosted glass*
- *Metal back box with cable entries for ease of installation*
- *Optional grill and hood front covers*
- *LED lifespan L70 50,000 hours*
- *Non-dimmable*

AFBLLED

AFBL/GRILL Cover Fitted

AFBL/EYE Cover Fitted



	Code	Lamp	Description
	AFBLLED	LED	2.2W - Cool White

Accessories	**AFBL/GRILL**	Front Grill Cover
	AFBL/EYE	Front Eyelid Cover

LED Information

Total (Watts)	*2.2W*
Lumens Delivered	*145lm*
Lm/W	*66lm*
CRI	*Ra 65*
CCT	*4000K*
Input	*230V*
Hertz	*50/60Hz*
Operating Temp	*-20°C to 50°C*

CE IP65

Project - Private Residential
Warrington, UK

LED Inox Stainless Steel Bricklight

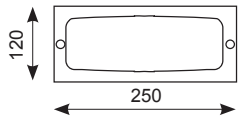
Supplied c/w Integral Driver

5YR

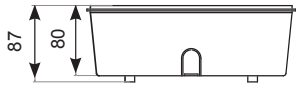
Collezione Italiana

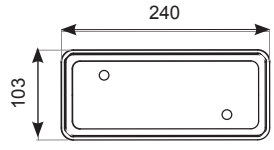
Stainless Steel AISI 316L

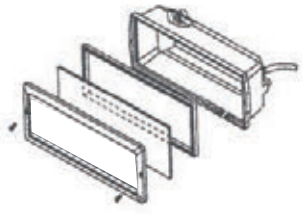
- *Die-cast aluminium bricklight with AISI316L stainless steel front cover*
- *Comparable performance to 18W PLC*
- *Tempered and frosted 4mm glass diffuser*
- *Supplied c/w polyethelyne back box for recessing*
- *LED lifespan L70 50,000 hours*
- *Non-dimmable*



Box Dimensions







LED Information

Total (Watts)	*12W*
Lumens Delivered	*270lm*
Lm/W	*23lm*
CRI	*Ra 70*
CCT	*3000K*
Input	*230V*
Hertz	*50Hz*
Operating Temp	*-25°C to 35°C*

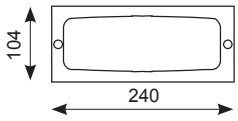
CE IP54

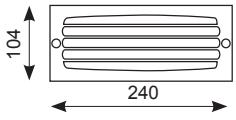
Code	Lamp	Description
ABLFLED/SS	LED	12W - Warm White
ASSCK		Stainless Steel Cleaning Kit (see page 428)

Inox Stainless Steel Bricklight

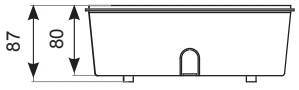
Supplied Less Lamp

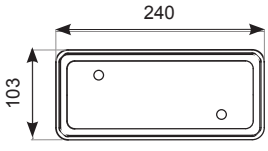
- *AISI 316L grade stainless steel recessed brick light / wall light*
- *Frosted Glass diffuser*
- *Supplied with back box for recessing*

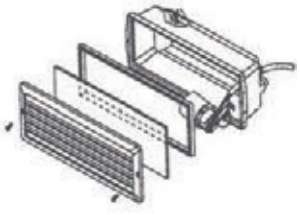


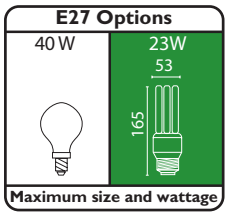


Box Dimensions



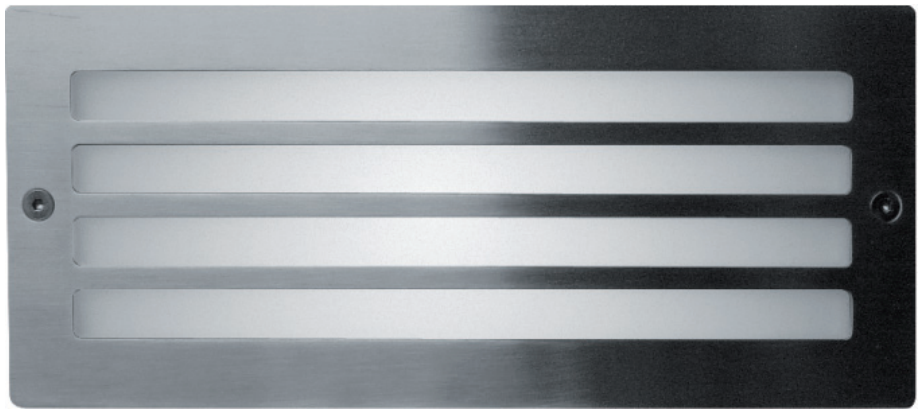






IP54

ABLF40/SS



ABLG40/SS

Stainless Steel AISI 316L

Code	Lamp	Description
ABLF40/SS	E27	40W Plain Frame
ABLG40/SS	E27	40W Grill
ASSCK		Stainless Steel Cleaning Kit (see page 428)

Volant LED

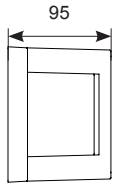
Supplied c/w Integral Driver

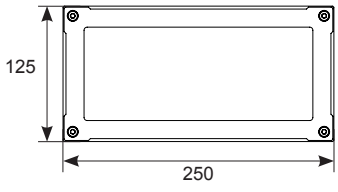
2YR

Wall Mounted

Low Level Mounted

- *Modern low level surface brick light/wall light*
- *General illumination ideal for pathway/walkway illumination*
- *Die-cast aluminium housing graphite powder coated anodized finish*
- *Tempered frosted glass enclosure*
- *LED lifespan L70 30,000 hours*
- *Non-dimmable*





Code	Lamp	Description
AVOLEDSWL	LED	7W - Cool White

LED Information

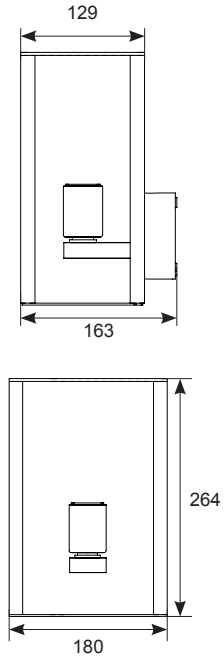
Total (Watts)	*7W*
Lumens Delivered	*302lm*
Lm/W	*43lm*
CRI	*Ra 80*
CCT	*4000K*
Input	*230V*
Hertz	*50Hz*
Operating Temp	*-10°C to 50°C*

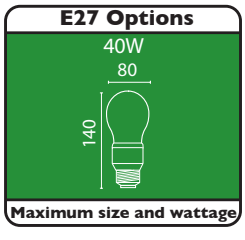
CE IP54

Calore E27

Supplied Less Lamp

- *Ultra modern exterior wall light*
- *Die-cast frame with tempered glass enclosure*
- *Textured powder coated anthracite finish*
- *Ideal for use with LED Filament lamps*





IP44

Code	Lamp	Description
ACAL/E27	E27	40W - Sandy Anthracite

Warrington: *+44 (0) 1942 433333*
Belfast: *+44 (0) 2890 773750*

Latina LED Half Lantern

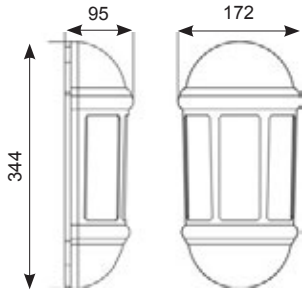
Supplied c/w Integral Driver

2YR

ALHLLED/BL

ALHLLED/PIR/W

- *Contemporary IP65 half lantern and resistant to corrosion*
- *Textured polycarbonate finish and tinted lens*
- *LED light bar for uniform light output*
- *PIR option for convenience and security. Incorporates manual override option*
- *Colour matching PIR lens cover ensures discreet appearance*
- *LED lifespan L70 25,000 hours*
- *Non-dimmable*



Max 8 metres
5 s o nds to 8 minutes
2 to 2000 LUX

	Code	Lamp	Description
Standard	**ALHLLED/BL**	LED	8W - Warm White - Black
	ALHLLED/WH	LED	8W - Warm White - White
Photocell	**ALHLLED/PC/BL**	LED	8W Photocell - Warm White - Black
	ALHLLEDPC/WH	LED	8W Photoe ll - Warm White - White
PIR	**ALHLLED/PIR/BL**	LED	8W PIR - Warm White - Black
	ALHLLED/PIR/WH	LED	8W PIR - Warm White - White

LED Information

Total (Watts)	*8W*
Lumens Delivered	*424lm*
Lm/W	*53lm*
CRI	*Ra 70*
CCT	*3000K*
Input	*230V*
Hertz	*50/60Hz*
Operating Temp	*-20°C to 50°C*

IP65

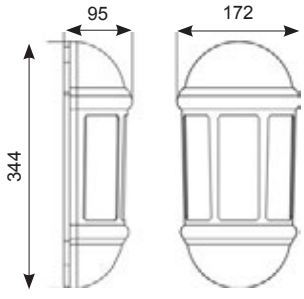
Latina Polycarbonate Half Lantern

Supplied Less Lamp

- *Contemporary IP65 half lantern and resistant to corrosion*
- *Textured polycarbonate finish and tinted lens*
- *PIR option for convenience and security. Incorporates manual override option*
- *Colour matching PIR lens cover ensures discreet appearance*

ALHL/BL

ALHL/PIR/WH



4 to 8 metres
5 seconds to 5 minutes
30 LUX

CE IP65

	Code	Lamp	Description
Standard	**ALHL/BL**	E27	42W - Black
	ALHL/WH	E27	42W - White
Photocell	**ALHL/PC/BL**	E27	42W Photocell - Black
	ALHL/PC/WH	E27	42W Photoe ll - White
PIR	**ALHL/PIR/BL**	E27	42W PIR - Black
	ALHL/PIR/WH	E27	42W PIR - White

Latina LED Wall Lantern

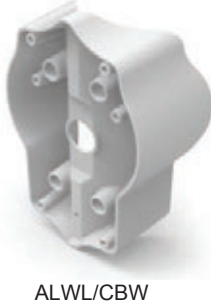
Supplied c/w Integral Driver

2YR

ALWLLED/PIR/BL

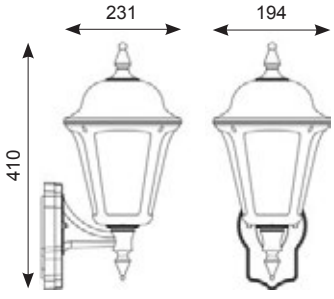
ALWLLED/WH

ALWL/CBB



ALWL/CBW

- *Contemporary IP65 polycarbonate lantern range and resistant to corrosion*
- *LED light bar for uniform light output*
- *Unique design provides installer with option of top arm or bottom arm mounting, without the need of additional wiring (PIR version bottom arm mounting only)*
- *Textured polycarbonate finish and tinted lens*
- *PIR option for convenience and security. Incorporates manual override option*
- *Colour matching PIR lens ensures discreet appearance*
- *LED lifespan L70 25,000 hours*
- *Non-dimmable*



Max 8 metres
5 seconds to 8 minutes
2 to 2000 LUX

	Code	Lamp	Description
Standard	**ALWLLED/BL**	LED	8W - Warm White - Black
	ALWLLED/WH	LED	8W - Warm White - White
PIR	**ALWLLED/PIR/BL**	LED	8W PIR - Warm White - Black
	ALWLLED/PIR/WH	LED	8W PIR - Warm White - White
Accessories	**ALWL/CBB**		Wall Lantern Corner Bracket Black
	ALWL/CBW		Wall Lantern Corner Bracket White

LED Information

Total (Watts)	*8W*
Lumens Delivered	*546lm*
Lm/W	*68lm*
CRI	*Ra 70*
CCT	*3000K*
Input	*230V*
Hertz	*50/60Hz*
Operating Temp	*-20°C to 50°C*

IP65

Latina Polycarbonate Wall Lantern

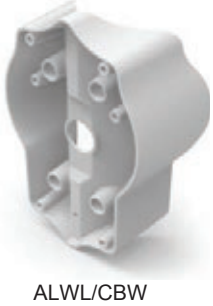
Supplied Less Lamp

- *Contemporary IP65 polycarbonate lantern range and resistant to corrosion*
- *Unique design provides installer with option of top arm or bottom arm mounting, without the need of additional wiring (PIR version bottom arm mounting only)*
- *Textured polycarbonate finish and tinted lens*
- *PIR option for convenience and security. Incorporates manual override option*
- *Colour matching PIR lens ensures discreet appearance*

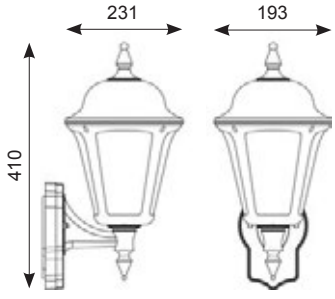
ALWL/WH

ALWL/PIR/BL

ALWL/CBB



ALWL/CBW



4 to 8 metres
5 seconds to 5 minutes
30 LUX

IP65

	Code	Lamp	Description
Standard	**ALWL/BL**	E27	42W - Black
	ALWL/WH	E27	42W - White
PIR	**ALWL/PIR/BL**	E27	42W PIR - Black
	ALWL/PIR/WH	E27	42W PIR - White
Accessories	**ALWL/CBB**		Wall Lantern Corner Bracket Black
	ALWL/CBW		Wall Lantern Corner Bracket White

Roma

Supplied Less Lamp

5YR

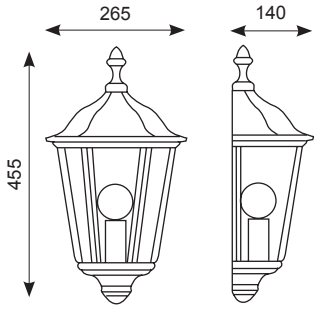
Collezione Italiana

- *Die-cast aluminium half-lantern in black*
- *Clear polycarbonate diffuser for E27 versions*
- *Opal polycarbonate diffuser for PIR versions*

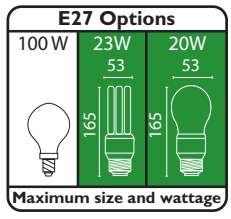
ARE27/HL/BL

Transparent Lens for E27 versions (excluding PIR versions)

Opal Lens for PIR versions



1 to 8 metres
5 seconds to 15 minutes
2 to 2000 LUX



Code	Lamp	Description
ARE27/HL/BL	E27	100W - Black
ARE27/PIR/HL/BL	E27	100W - PIR - Black

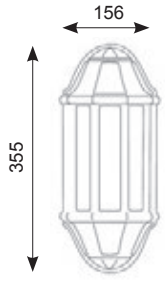
IP44

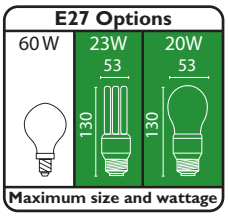
Sonate

Supplied Less Lamp

5YR

- *Die-cast aluminium housing and frame with smoked polycarbonate diffuser*





CE IP44

Code	Lamp	Description
ASOE27	E27	60W

Warrington: *+44 (0) 1942 433333*
Belfast: *+44 (0) 2890 773750*

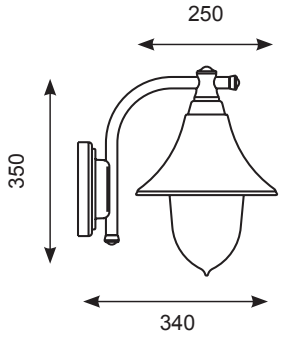
Lampara Inox Stainless Steel

Supplied Less Lamp

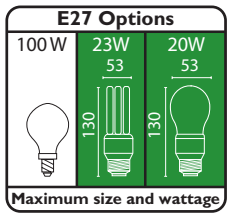
Collezione Italiana

5YR

- *Body manufactured from AISI 316L grade stainless steel*
- *Transparent polycarbonate diffuser*



Stainless Steel AISI 316L



	Code	Lamp	Description
	ALE27/WL/SS	E27	100W

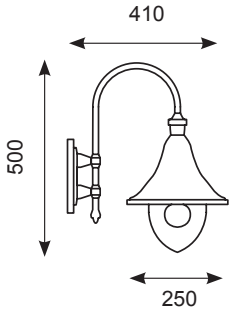
Accessories	**ASSCK**	Stainless Steel Cleaning Kit (see page 428)

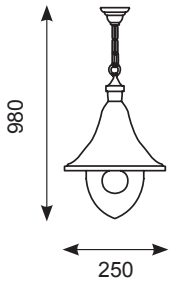
CE IP44

Lampara

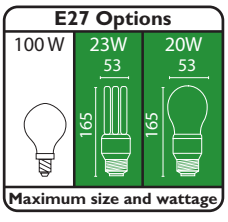
Supplied Less Lamp

- *Die-cast aluminium construction with transparent polycarbonate diffuser*
- *Black or Black Copper paint finishes*





ALE27/WL/BL



	Code	Lamp	Description
Wall Lantern	**ALE27/WL/BL**	E27	100W - Black
	ALE27/WL/BCO	E27	100W - Black Copper

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750

Augusta

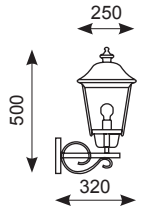
Supplied Less Lamp

5YR

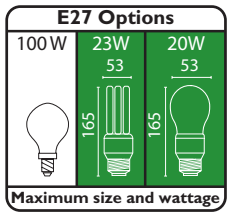
Collezione Italiana

AAUE27WLBA/BS

- *Classic die-cast aluminium lantern with transparent polycarbonate diffuser*
- *Aged black silver with copper top*



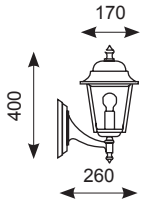
AAUE27WLBA/BS



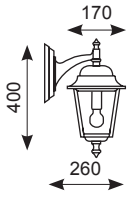
Code	Lamp	Description
AAUE27WLBA/BS	E27	100W Bottom Arm - Black Silver/Copper

CE IP44

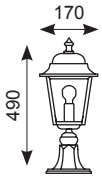
- *Die-cast aluminium four sided lantern*
- *Black and Black Copper finishes*
- *Smoked glass diffuser*
- *Full size post lanterns incorporate hinged door for easy wiring access*



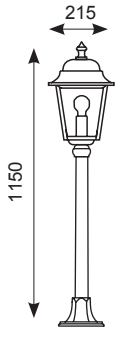
ANE27/WLBA/BL



ANE27/WLTA/BCO



ANE27/PIL/BL



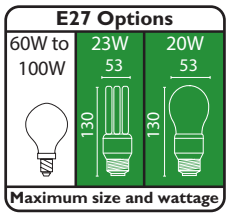
ANE27/MPTL/BCO

ANE27/MPTL/BCO

ANE27/WLBA/BL

ANE27/WLTA/BCO

ANE27/PIL/BL



CE IP43

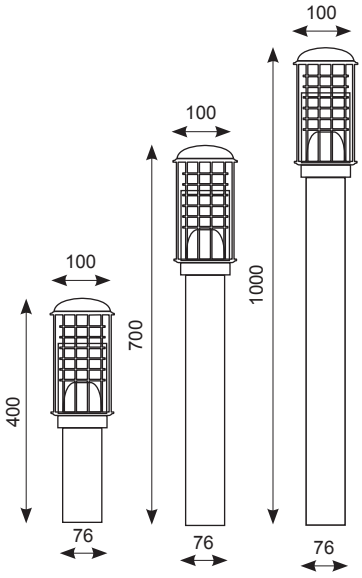
	Code	Lamp	Description
Wall Lantern	**ANE27/WLTA/BL**	E27	60W Top Arm - Black
	ANE27/WLTA/BCO	E27	60W Top Arm - Black Copper
	ANE27/WLBA/BL	E27	60W Bottom Arm - Black
	ANE27/WLBA/BCO	E27	60W Bottom Arm - Black Copper
Pillar Lantern	**ANE27/PIL/BL**	E27	60W - Black
	ANE27/PIL/BCO	E27	60W - Black Copper
Mini Post Lantern	**ANE27/MPTL/BL**	E27	100W - Black
	ANE27/MPTL/BCO	E27	100W - Black Copper

Project - Private Residential
Bangor, Ireland

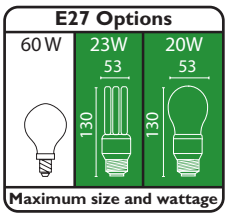
Urano Inox Stainless Steel

Supplied Less Lamp

- *High Grade AISI 316L stainless steel bollard*
- *Slim profile provides additional suitability for patio lighting*
- *Suitable for commercial and domestic applications*



AUE27040/SS AUE27070/SS AUE27100/SS



IP44

Code	Lamp	Description
AUE27040/SS	E27	60W 400mm
AUE27070/SS	E27	60W 700mm
AUE27100/SS	E27	60W 1000mm
ASSCK		Stainless Steel Cleaning Kit (see page 428)

Urano Inox Country

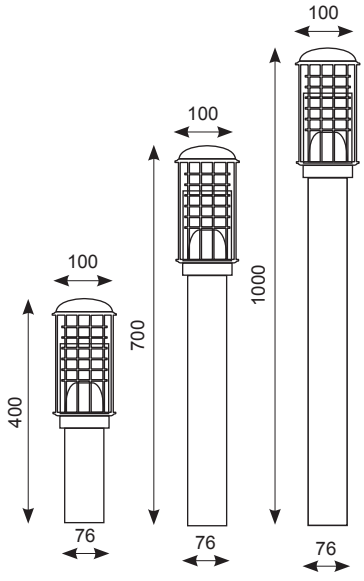
Supplied Less Lamp

5YR

Collezione Italiana

- *Stunning combination of country wood effect with stainless steel head*
- *Slim profile provides additional suitability for patio lighting*
- *Decorative AISI 316L stainless steel head*
- *Suitable for commercial and domestic applications*

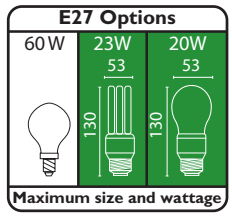
AUE27040/WE AUE27070/WE AUE27100/WE



Wood that isn't wood

Stainless Steel AISI 316L

	Code	Lamp	Description
	AUE27040/WE	E27	60W 400mm
	AUE27070/WE	E27	60W 700mm
	AUE27100/WE	E27	60W 1000mm
Accessories	**ASSCK**		Stainless Steel Cleaning Kit (see page 428)



IP44

Project - Private Residential
County Antrim, Ireland

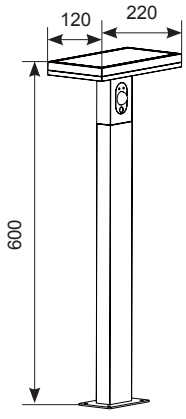
Project - Private Residential
Southport, UK

Pavia Solar LED

Supplied c/w Integral Driver

- *Ultra modern die-cast solar powered aluminium LED bollard*
- *PIR motion sensor as standard*
- *Automatic day/night mode switching*
- *2 operation modes:-*
  1) 15% output after sunset, motion detected 100% output, no motion 15% for 20 hours
  2) Motion detected 100% output, no motion off
- *Graphite textured powder coat paint finish*
- *LED lifespan*
  L70 36,000 hours

Matching
Pavia Wall Light
see p227



6 to 10 metres
1 minute
10 to 45 LUX

LED Information

Lumens Delivered	*230lm*
CRI	*Ra 80*
CCT	*4000K*
Operating Temp	*-25°C to 55°C*

	Code	Lamp	Description
	APAVLEDB/60	LED	Cool White
Accessories	**ASBP/17**		7.4V 1500mAh Replacement Li-ION Battery

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750

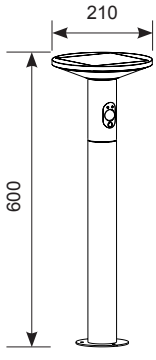
Talana Solar LED

Supplied c/w Integral Driver

3YR

- *Ultra modern die-cast solar powered aluminium LED bollard*
- *PIR motion sensor as standard*
- *2 operation modes:-*
  1) 11% output after sunset, motion detected 100% output, no motion 11% for 20 hours
  2) Motion detected 100% output, no motion off
- *Graphite textured powder coat paint finish*
- *LED lifespan L70 36,000 hours*

Matching Talana Solar LED Wall Light
see p229



6 to 10 metres
1 minute
10 to 45 LUX

	Code	Lamp	Description
	ATASLEDB/60	LED	Cool White
Accessories	**ASBP/17**		7.4V 1500mAh Replacement Li-ION Battery

LED Information

Lumens Delivered	*210lm*
CRI	*Ra 80*
CCT	*4000K*
Operating Temp	*-25°C to 55°C*

CE III IP54

Project - Private Residential
Belfast, UK

Project - Private Residential
Chester, UK

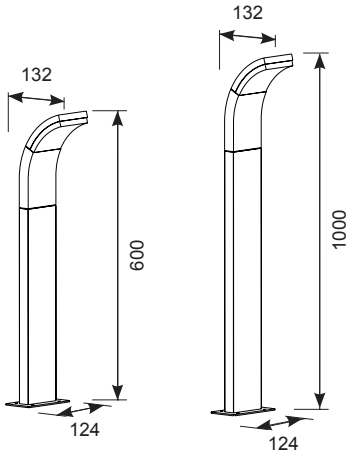
Senza LED

Supplied c/w Integral Driver

3YR

- *Contemporary die-cast aluminium LED bollard*
- *Standard and PIR options*
- *Graphite textured powder coat paint finish*
- *Flange mounted base for surface fixing*
- *LED lifespan L70 40,000 hours*
- *Non-dimmable*

Matching Senza LED Wall Light *see p221*



6 to 9 metres
5 seconds to 8 minutes
10 to 2000 LUX

ASELEDB/060/PIR

ASELEDB/100

LED Information

Total (Watts)	*7W*
Lumens Delivered	*366lm*
Lm/W	*52lm*
CRI	*Ra 80*
CCT	*4000K*
Input	*230V*
Hertz	*50/60Hz*
Operating Temp	*-20°C to 45°C*

CE IP54

	Code	Lamp	Description
Standard	**ASELEDB/060**	LED	7W - Cool White 600mm
	ASELEDB/100	LED	7W - Cool White 1000mm
PIR	**ASELEDB/060/PIR**	LED	7W - PIR - Cool White 600mm
	ASELEDB/100/PIR	LED	7W - PIR - Cool White 1000mm

Arco LED

Supplied c/w Integral Driver

3YR

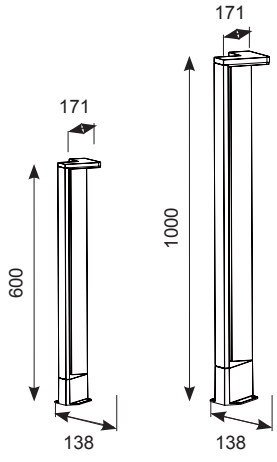
- *Ultra modern LED bollard*
- *Graphite textured powder coated paint finish*
- *Flange mounted base for surface mounting*
- *LED lifespan L70 40,000 hours*
- *Non-dimmable*

Light distribution from head of bollard

AARLEDB/100

AARLEDB/060

Matching Arco LED Wall Light see p222



Code	Lamp	Description
AARLEDB/060	LED	11W - Cool White 600mm
AARLEDB/100	LED	11W - Cool White 1000mm

LED Information

Total (Watts)	*11W*
Lumens Delivered	*643lm*
Lm/W	*58lm*
CRI	*Ra 80*
CCT	*4000K*
Input	*230V*
Hertz	*50/60Hz*
Operating Temp	*-20°C to 45°C*

CE IP54

Project - Private Residential
York, UK

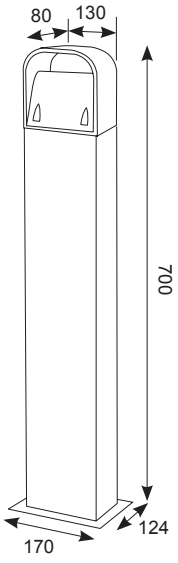
Project - Private Residential
Surrey, UK

Gila LED

Supplied c/w Integral Driver

- *Modern bollard with die-cast aluminium body*
- *Innovative bi-directional light distribution*
- *Equivalent performance to 26W PLC*
- *Powder coated anodized graphite paint finish for enhanced durability*
- *Flange mounted base for surface fixing*
- *IP66 loop-in, loop-out connection joint for ease of installation*
- *LED lifespan L70 60,000 hours*
- *Non-dimmable*

Matching Gila LED Wall Light *see p249*



LED Information

Total (Watts)	*11W*
Lumens Delivered	*202lm*
Lm/W	*18lm*
CRI	*Ra 93*
CCT	*4000K*
Input	*230V*
Hertz	*50/60Hz*
Operating Temp	*-20°C to 45°C*

IP55

Code	Lamp	Description
AGLEDB/700	LED	11W - Cool White

Duet LED

Supplied c/w Integral Driver

3YR

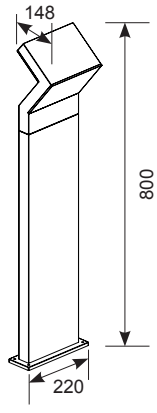
Light distribution from the rear of the bollard

Light distribution from the front of the bollard

ADULEDB/080

ADULEDB/080/PIR

- *Ultra modern bollard with die-cast aluminium body*
- *Powder coated anodized graphite paint finish for enhanced durability*
- *Flange mounted base for surface fixing*
- *LED lifespan L70 36,000 hours*
- *Non-dimmable*



max 12 metres
8 seconds to 8 minutes
5 to 200 LUX

	Code	Lamp	Description
	ADULEDB/080	LED	17W - Cool White 800mm
	ADULEDB/080/PIR	LED	17W - PIR - Cool White 800mm

LED Information

Total (Watts)	*17W*
Lumens Delivered	*1536lm*
Lm/W	*90lm*
CRI	*Ra 80*
CCT	*4000K*
Input	*100V-240V*
Hertz	*50/60Hz*
Operating Temp	*-25°C to 45°C*

CE IP65 IP54
PIR

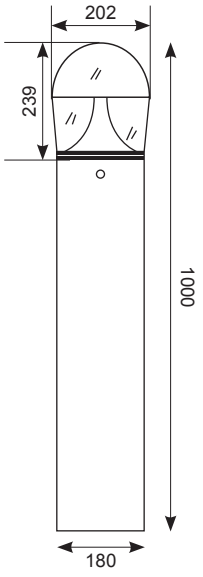
Project - Private Residential
Bath, UK

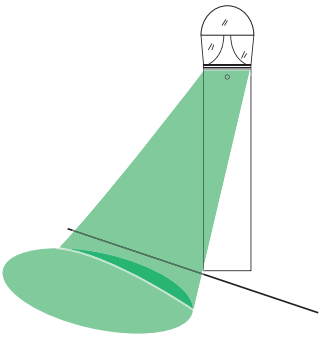
Project - Private Residential
Bristol, UK

Taurus LED

Supplied c/w Integral Driver

- *Robust die-cast aluminium bollard with a textured graphite finish*
- *Die-cast aluminium head with polycarbonate lens*
- *Comparable performance to 70W HQI*
- *Integral emergency option*
- *Supplied c/w root mounting kit*
- *LED lifespan L70 57,000 hours*
- *Non-dimmable*





Emergency Operation

LED Information

Total (Watts)	*26W*
Lumens Delivered	*1379lm*
Lm/W	*53lm*
CRI	*Ra 80*
CCT	*4000K*
Input	*230V*
Hertz	*50/60Hz*
Operating Temp	*-25°C to 50°C*

IP65

	Code	Lamp	Description
	ATALEDB/1000	LED	26W - Cool White
Option	**/M3**	Emergency	

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750

Leo LED Polycarbonate Bollard

Supplied c/w Integral Driver

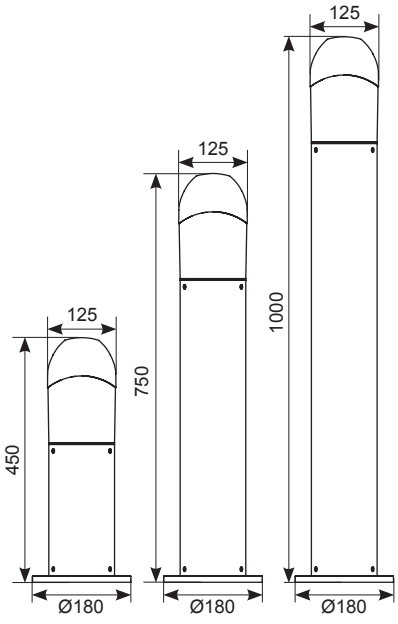
3YR

ALEOLED/CCT/045/GR

ALEOLED/CCT/075/GR

ALEOLED/CCT/100/GR

- *Modern styled bollard with polycarbonate construction*
- *White reflector with clear polycarbonate diffuser*
- *Polycarbonate construction is suitable for coastal applications*
- *Suitable for domestic and commercial applications*
- *Supplied c/w root mounting kit*
- *LED lifespan L70 61,000 hours*
- *Non-dimmable*



Code	Lamp	Description
ALEOLED/CCT/045/GR	LED	5W - Warm White/Cool White
ALEOLED/CCT/075/GR	LED	10W - Warm White/Cool White
ALEOLED/CCT/100/GR	LED	10W - Warm White/Cool White

LED Information

Total (Watts)		*5W*
		10W
		10W
Lumens Delivered		
5W	*420lm*	*470lm*
10W	*800lm*	*850lm*
10W	*800lm*	*850lm*
Lm/W		
5W	*84lm*	*94lm*
10W	*80lm*	*85lm*
10W	*80lm*	*85lm*
CRI		*Ra 65*
CCT		*3000K*
		4000K
Input		*230V*
Hertz		*50/60Hz*
Operating Temp		*-20°C to 50°C*

IP65

Mona

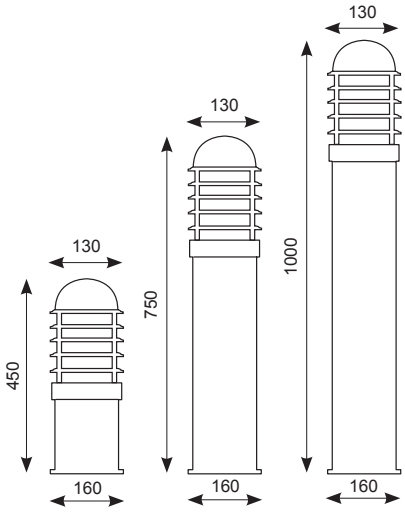
Supplied Less Lamp

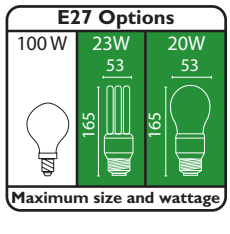
5YR

Collezione Italiana

- *Die-cast extruded aluminium bollard with external louvred head*
- *Textured black powder coat finish*
- *Suitable for commercial and domestic applications*

AME27045/BL AME27075/BL AME27100/BL





	Code	Lamp	Description
	AME27045/BL	E27	100W 450mm
	AME27075/BL	E27	100W 750mm
	AME27100/BL	E27	100W 1000mm
Accessories	**ARMK3**		Root Mounting Kit

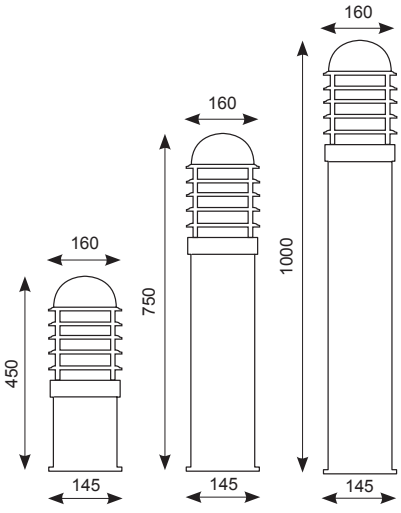
CE IP44

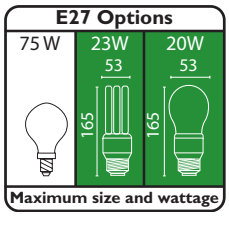
Mona Inox Stainless Steel

Supplied Less Lamp

5YR

- *High Grade AISI 316L stainless steel bollard*
- *External louvred head and opal polycarbonate diffuser*
- *Suitable for commercial and domestic applications*





CE IP44

AME27045/SS AME27075/SS AME27100/SS

Stainless Steel AISI 316L

	Code	Lamp	Description
	AME27045/SS	E27	75W 450mm
	AME27075/SS	E27	75W 750mm
	AME27100/SS	E27	75W 1000mm

Accessories	**ASSCK**	Stainless Steel Cleaning Kit (see page 428)
	ARMK3	Root Mounting Kit

Aquila

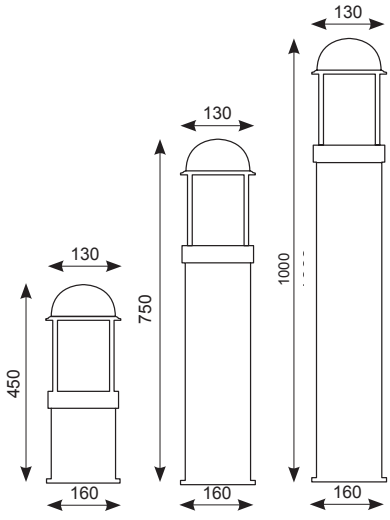
Supplied Less Lamp

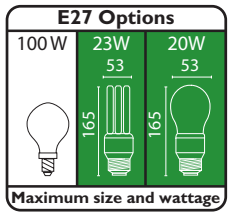
5YR

Collezione Italiana

- *Die-cast aluminium bollard with four pillars and opal polycarbonate diffuser*
- *Textured black powder coat finish*
- *Suitable for commercial and domestic applications*

AAE27045/BL AAE27075/BL AAE27100/BL

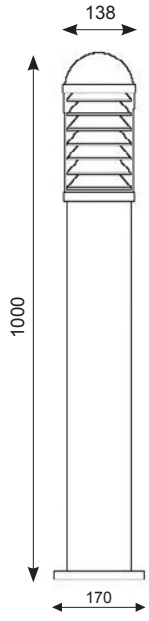


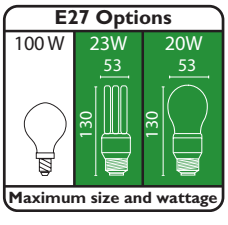


	Code	Lamp	Description
	AAE27045/BL	E27	75W 450mm
	AAE27075/BL	E27	75W 750mm
	AAE27100/BL	E27	75W 1000mm
Accessories	**ARMK3**		Root Mounting Kit

IP44

- *Die-cast aluminium bollard with polycarbonate diffuser*
- *Internal stainless steel louvre*
- *Detachable head for easy access to lamp housing*
- *Suitable for surface mounting*
- *Supplied with root mounting kit*





IP65

Code	Lamp	Description
ALIB/100E27	E27	100W

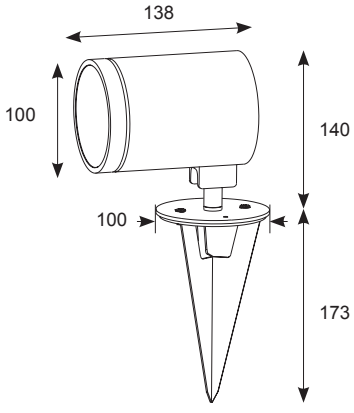
Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750

Rondo HP AC LED Surface/Spike Light

No Driver Required

- *High performance LED feature light*
- *Suitable for surface or spike mounting (spike accessory included)*
- *No driver required*
- *60° beam angle*
- *Die-cast aluminium construction with textured graphite paint finish*
- *Pre-wired with 2 metres of H07RN-F cable*
- *LED lifespan L70 40,000 hours*
- *Non-dimmable*

Wall Mounting



Spike Mounting

Surface Mounting

LED Information

Total (Watts)	20W
Lumens Delivered	1200lm
Lm/W	60lm
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 45°C

IP55

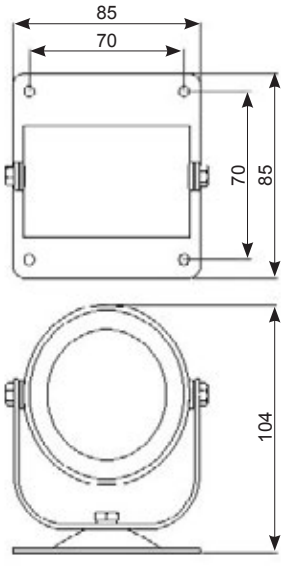
Code	Lamp	Description
AROLEDSSS	LED	20W - Cool White

Project - Southport Flower Show
Southport, UK

Meteor LED Submersible

Supplied Less Driver

- *Surface or submersible spot for external applications*
- *316L stainless steel construction housing with adjustable head*
- *Pre-wired with 3 metres of rubber insulated cable*
- *Submersible to a depth of up to 3 metres*
- *LED lifespan L70 50,000 hours*



LED Information

Total (Watts)	*6W*
Lumens Delivered	*547lm*
Lm/W	*91lm*
CRI	*Ra 75*
CCT	*4000K*
Input	*350mA*
Operating Temp	*-20°C to 40°C*

IP68

	Code	Lamp	Description
	AMETLED	LED	6W - Cool White
Accessories	**AD9W/350**	9W 350mA LED Driver	
	ADK20W/350	20W 350mA LED Driver	
	AMCD25W	0-15W Multicurrent Driver	
	AMCD50W	0-20W Multicurrent Driver	

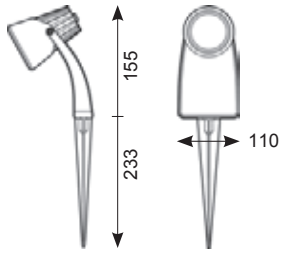
Flora GU10 LED

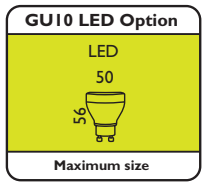
Supplied Less Lamp

- *Dual purpose garden spotlight supplied with wall mounting bracket and spike*
- *Manufactured from 100% recyclable materials*
- *Pre-wired with 2 metres of rubber insulated cable*
- *Suitable for GU10 LED lamps only as detailed*

Wall Mounting

Spike Fixing





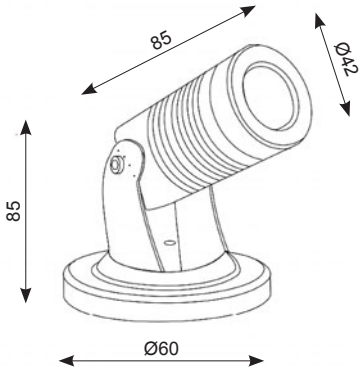
Code	Lamp	Description
AFGS/GU10LED	LED	5W LED GU10

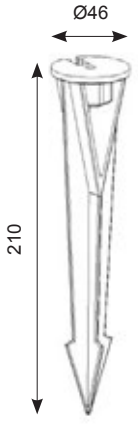
IP65

Mirage LED

Supplied c/w Wall Bracket, Spike and Integral Driver

- *Compact garden light with integral driver*
- *Suitable for spike fixing or wall mounting (spike attachment supplied)*
- *Aluminium housing with matt black powder coat finish*
- *Pre-wired with 2 metres of rubber insulated cable*
- *LED lifespan L70 60,000 hours*
- *Non-dimmable*





Floor Mounting

Wall Mounting

Spike Fixing

LED Information

Total (Watts)	3.4W
Lumens Delivered	81lm
Lm/W	27lm
CRI	Ra 70
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 40°C

IP65

Code	Lamp	Description
AMWSLED	LED	3.4W - Cool White

Subra LED Inground Uplight

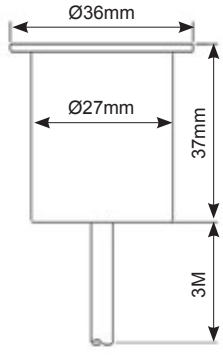
Supplied Less Driver

2YR

- *Small recessed LED marker ground light for a variety of internal and external applications*
- *316L stainless steel bezel and housing*
- *Pre-wired with 2 metres of rubber insulated cable*
- *Submersible to a depth of up to 2 metres*
- *LED lifespan L70 56,000 hours lifetime*

ASUWOLED/CW

ASUWOLED/WW



	Code	Lamp	Description
	ASUWOLED/CW	LED	1W - Cool White
	ASUWOLED/WW	LED	1W - Warm White

Accessories	**ADK15W/24V**	15W 24V LED Driver
	ADK60W/24V	60W 24V LED Driver
	AMCD25W	10 - 20W Multicurrent LED Driver

LED Information

Total (Watts)	*1W*
Lumens Delivered	
Cool White	*35lm*
Warm White	*35lm*
Lm/W Cool White	*35lm*
Lm/W Warm White	*35lm*
CRI Cool White	*Ra 75*
CRI Warm White	*Ra 80*
CCT Cool White	*6000K*
CCT Warm White	*3000K*
Input	*12V/24V*
Operating Temp	*-20°C to 40°C*

IP68

Project - Private Residential
Liverpool, UK

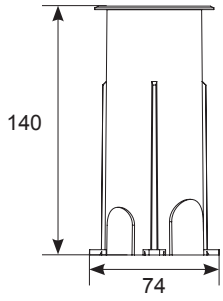
Turlock LED Inground Uplight

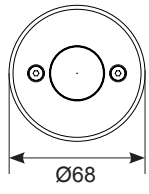
Supplied c/w Integral Driver

5YR

Powered by HEP

- *Powerful compact LED inground uplight*
- *Exceeds performance of 50W Halogen*
- *Die-cast aluminium construction with 316L stainless steel top frame*
- *Static load test to 2000kg*
- *Supplied c/w installation housing for additional protection and ease of installation*
- *IK10 Rating*
- *Pre-wired with 1 metre of rubber insulated cable*
- *LED lifespan L70 50,000 hours*
- *Non-dimmable*





LED Information

Total (Watts)	3W
Lumens Delivered	135lm
Lm/W	45lm
Beam Angle	23°
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 50°C

IP67

Code	Lamp	Description
ATURWOLED/70	LED	3W - Cool White

Project - Private Residential
Abersoch, UK

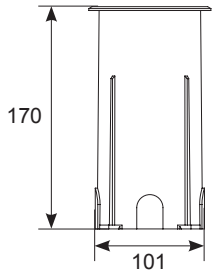
Turlock LED Inground Uplight

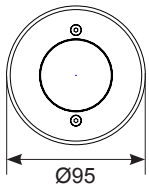
Supplied c/w Integral Driver

5YR

Powered by HEP

- *Powerful compact LED inground uplight*
- *Exceeds performance of 35W CDM-T*
- *Static load test to 2000kg*
- *Supplied c/w installation housing for additional protection and ease of installation*
- *Die-cast aluminium construction with 316L stainless steel top frame*
- *IK10 Rating*
- *Pre-wired with 1 metre of rubber insulated cable*
- *LED lifespan L70 50,000 hours*
- *Non-dimmable*





Code	Lamp	Description
ATURWOLED/95	LED	4W - Cool White

LED Information

Total (Watts)	*4W*
Lumens Delivered	*390lm*
Lm/W	*97lm*
Beam Angle	*21°*
CRI	*Ra 81*
CCT	*4000K*
Input	*230V*
Hertz	*50/60Hz*
Operating Temp	*-20°C to 50°C*

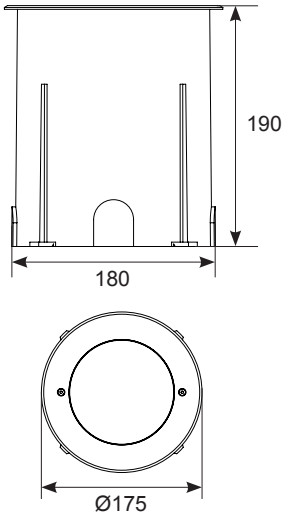
CE IP67

Turlock LED Inground Uplight

Supplied c/w Integral Driver

- *High performance LED inground uplight*
- *Exceeds performance of 70W CDM-T*
- *Static load test to 2000kg*
- *Supplied c/w installation housing for additional protection and ease of installation*
- *Die-cast aluminium construction with 316L stainless steel top frame*
- *IK10 Rating*
- *Pre-wired with 1 metre of rubber insulated cable*
- *LED lifespan L70 50,000 hours*
- *Non-dimmable*

Powered by HEP



LED Information

Total (Watts)	8W
Lumens Delivered	884lm
Lm/W	110lm
Beam Angle	18°
CRI	Ra 82
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 50°C

CE IP67

Code	Lamp	Description
ATURWOLED/175	LED	8W - Cool White

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750

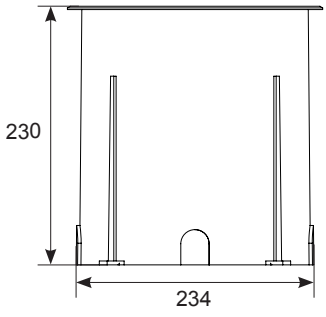
Turlock LED Inground Uplight

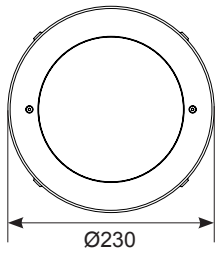
Supplied c/w Integral Driver

5YR

Powered by HEP

- *High performance ingound uplight*
- *Exceeds performance of 70W CDM-T*
- *Static load test to 2000kg*
- *Supplied c/w installation housing for additional protection and ease of installation*
- *Die-cast aluminium construction with 316L stainless steel top frame*
- *IK10 Rating*
- *Pre-wired with 1 metre of rubber insulated cable*
- *LED lifespan L70 50,000 hours*
- *Non-dimmable*





Code	Lamp	Description
ATURWOLED/230	LED	19W - Cool White

LED Information

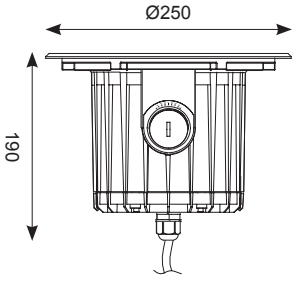
Total (Watts)	*19W*
Lumens Delivered	*2214lm*
Lm/W	*116lm*
Beam Angle	*20°*
CRI	*Ra 83*
CCT	*4000K*
Input	*230V*
Hertz	*50/60Hz*
Operating Temp	*-20°C to 50°C*

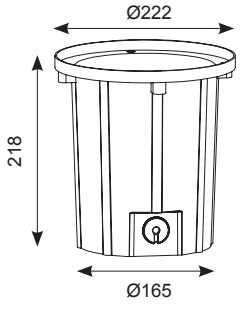
CE IP67

Highlight LED Adjustable Inground Uplight

Supplied c/w Integral Driver

- *Inground uplight with variable beam direction*
- *316L stainless steel bezel and powder coated aluminium housing*
- *Comparable performance to 70W HQI*
- *Integral driver and pre-wired with 1 metre of rubber insulated cable*
- *Honeycombe accessory included for optional increased glare control*
- *Static load test to 2000kg and therefore suitable for vehicular and pedestrian traffic*
- *LED lifespan L70 60,000 hours*
- *Non-dimmable*





Adjustable Beam Angle

Honeycombe Anti-glare Accessory

LED Information

Total (Watts)	*18W*
Lumens Delivered	*1308lm*
Lm/W	*73lm*
Beam Angle	*15°*
CRI	*Ra 80*
CCT	*4000K*
Input	*230V*
Hertz	*50/60Hz*
Operating Temp	*-20°C to 40°C*

IP67

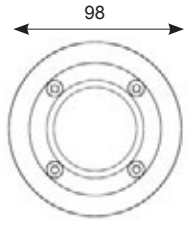
Code	Lamp	Description
AHAWOLED	LED	18W - Cool White

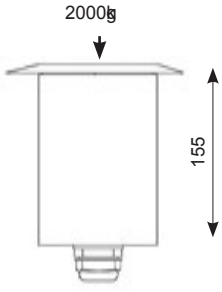
Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750

GU10/MR16 Inground Uplight

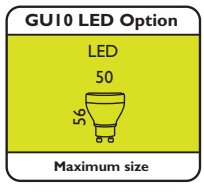
Supplied Less Lamp

- *Supplied with both MR16 and GU10 lampholders*
- *Compact inground uplight which accepts 12V and mains halogen, CFL and LED lamps*
- *Housing in die-cast aluminium with clear toughened glass diffuser of 10mm thickness*
- *316 stainless steel top ring and stainless steel allen key screws*
- *Suitable for light vehicular traffic with a static impact resistance of up to 2000kgs*
- *Supplied with recessed sleeve in high resistant thermoplastic*





Caution: surface glass temperature will get very hot under normal halogen operation. It is recommended to use GU10 LED lamps for cooler operation.



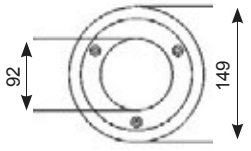
Code	Lamp	Description
AWO50	GU10/MR16	50W

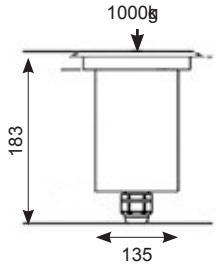
MR16 GU10 IP67

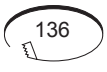
GU10 Adjustable Inground Uplight

Supplied Less Lamp

- *Die-cast aluminium housing with a clear toughened glass diffuser of 8mm thickness*
- *304 stainless steel top ring and stainless steel allen key screws*
- *Adjustable lampholder to allow up to 15° vertical inclination of lamp*
- *Suitable for pedestrian traffic with a static impact resistance of up to 1000kgs*







Caution: surface glass temperature will get very hot under normal halogen operation. It is recommended to use GU10 LED lamps for cooler operation.

CE IP65

Code	Lamp	Description
AWO/GU10	GU10	50W

Warrington: *+44 (0) 1942 433333*
Belfast: *+44 (0) 2890 773750*